

GENERAL CATALOGUE  
OF THE  
HOMOPTERA

W. E. CHINA, *General Editor*  
Z. P. METCALF, *Managing Editor*

FASCICLE IV  
FULGOROIDEA

PART 17  
LOPHOPIDAE

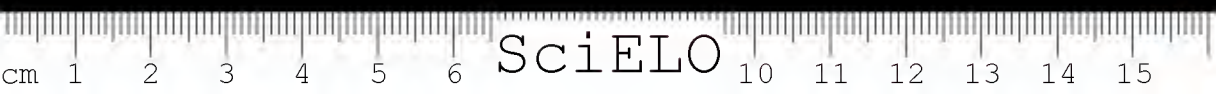
BY  
Z. P. METCALF, DSc.  
*State College of the University of North Carolina*

Published by  
NORTH CAROLINA STATE COLLEGE, RALEIGH, N. C., U. S. A.  
*Printed by a Grant in Aid from the National Science Foundation*

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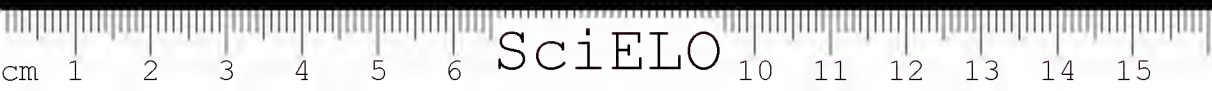
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MUSEU DE ZOOLOGIA  
BIBLIOTECA

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595.753  
G326  
f.4  
pt.17

**DEDALUS - Acervo - MZ**

General catalogue of the homoptera.

595.753  
G326  
f.4  
pt.17



12400005571

*Printed in the United States of America by  
WAVERLY PRESS, INC., BALTIMORE, MD.*



## INTRODUCTION

The present catalogue of the Family Lophopidae forms Part 17 of Fascicle IV of the General Catalogue of the Homoptera of the World which is devoted to the Superfamily Fulgoroidea.

### CLASSIFICATION ADOPTED

The classification adopted in the present catalogue is a modification of the one proposed by Melichar in 1915.

### CHARACTERS OF THE FAMILY LOPHOPIDAE

The family Lophopidae is one of the smaller families of the Fulgoroidea. The present catalogue contains 41 genera and 113 species.

Head, including the compound eyes, usually decidedly narrower than the pronotum. Vertex frequently much narrower than its length; sometimes protuberant; lateral margins strongly elevated. Frons elongate, sometimes distinctly angulate below the compound eyes, the lateral margins carinate, sometimes with intermediate earinae or a median earina, sometimes with both. Postclypeus with lateral margins earinate and a distinct median carina. Pronotum short and broad, tricarinate. Mesonotum short and broad, tricarinate; tegulae usually large. Tegmina coriaceous with venation conspicuous; elongate; costal and commissural margins nearly parallel, apical margin broadly rounded, sometimes nearly truncate, with supernumerary longitudinal and crossveins, costal cell with numerous crossveins; elaval veins united before the apex. Fore and middle tibiae generally compressed and expanded. Muir points out that the apical spines of the hind tibiae are arranged as a simple apical row, or with some of the spines joined together to form a plate, or spines irregular, not forming an apical row. Second segment of hind tarsi small, without apical spines.

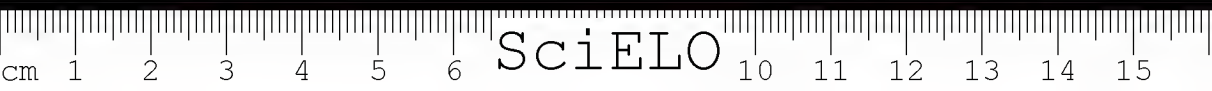
In the male genitalia which I have studied the pygofer is usually short. The genital styles are large. The aedeagus is usually robust with a complicated set of apical spines. The tenth segment is elongate with the telson well developed. The female genitalia are incomplete.

### HISTORICAL RÉSUMÉ

Melichar 1915b gives keys to and descriptions of the genera that were known at that time and a detailed catalogue of the known genera and species.

### GEOGRAPHIC DISTRIBUTION

All the species in this family are confined to the tropical or warm temperate regions of the world. Five of the species in the present catalogue





have a distribution covering two or more zoogeographic regions. The other species are recorded as follows: 3 from the Eastern Palearctic Region, 9 from the Ethiopian Region, 24 from the Oriental Region, 42 from the Malaysian Region, 20 from the Austromalayan Region, 2 from the Australian Region, 2 from the Oceanic Region, and 6 from the Neotropical Region.

The known geographic distribution of each species is indicated by superscript figures at the end of the lines, which correspond to geographic regions designated by the same superscript figures. In general we have indicated the distribution as given by the author of the reference, using the country as the smallest unit except in the larger countries, where states and provinces are used as the smallest units. In the larger island groups the individual islands are indicated wherever possible, in view of the importance of island endemism.

#### THE PURPOSES TO BE SERVED BY A CATALOGUE OF INSECTS

A catalogue of animals should serve practically all fields of biology. It should be, therefore, as complete a listing of all the records of families, subfamilies, tribes, genera, species, and varieties as it is possible for the author to assemble. The nature of the reference is of the greatest importance. A student of zoogeography should be able to find a complete list of the regions inhabited by the various species. The student of ecology should be able to find references to all that is known about the life history, food plants, and other pertinent data. The student of economic entomology should be able to check the histories of those species that are suspected of being injurious to plants. The plant disease specialist should be able to check the current nomenclature of the species which are disease vectors or suspected of being disease vectors. Those research workers studying morphology, physiology, or genetics should be able to trace the development in the field of their special interest. And lastly, the student of taxonomy should be relieved of the burden of searching for past recordings, and the journals which publish taxonomic papers should not have to pay the cost of publishing the past records and duplicating the synonymy that is already well known. Thus it would be necessary only to record synonymy which has been developed since the publication of the catalogue. Incidentally, I am pleased to note an increase in the method of literature citations developed in my *Bibliography of the Homoptera Auchenorrhyncha*. Thus Smith 1950a: 63 is a better method of citation than the present method: Smith, Ann. Mag. Nat. Hist (12) 5: 63.

Unfortunately this method was not adopted in the earlier numbers of this series and since about three-fourths of the catalogues are in manuscript, it was not deemed wise to make this change at this time.





## FORM OF THE PRESENT CATALOGUE

This catalogue follows the general form of the present series. The family is divided into genera which are arranged in as nearly a phylogenetic order as our present knowledge will permit. The species are arranged under the genera in alphabetic sequence. Titles of books are not abbreviated but are condensed if they are unduly long. The abbreviations of journal references follow in general the scheme proposed in the *World List of Scientific Periodicals* with minor exceptions, the chief difference being that the names of countries, states, cities and other geographical units are not abbreviated. A few references are listed under their titles rather than under the abbreviations of the journals in which they were published, because in these cases the titles are usually better known than the journals, for example, Van Duzee 1917 Catalogue of Hemiptera of America North of Mexico *not* Techn. Bull. California Agr. Exp. Sta. Ent. 2. If the journal has been published in series the abbreviation of the journal is followed by a series number or by such an abbreviation as n. s. (new series), o. s. (old series), n. f. (neue Folge), or the like. This is followed by a note indicating the nature of the reference.

The notes which follow the references are generally self explanatory, but three points may be mentioned here. Such notations as "[described]," "[notes]," "[key]," and the like are intended to be suggestive rather than precise or exclusive. The notation "[error]" means not accepted in this catalogue. Usually the latest published synonymy is accepted, but not always. The other notation "[comparative note]" is used to designate those references, often of the greatest taxonomic significance, in which two generic, specific or other groups are compared. All references have been checked against the original save those marked with an asterisk (\*), which have been accepted from reliable sources. Every effort has been made to have the references full and complete and to give an indication of the character of the data contained. Where the writer knows that reprints have been issued with different pagination, this is indicated in parentheses following the page numbers of the original. In a few cases, where the matter has been reprinted under a different title with different pagination, separate references are given. Where authentic editions have been published these have been indicated by separate references. Genera established without included species have been dated from their original description, with their type fixation dated at the time of the first inclusion of species. Original spellings have been retained in all cases, except obvious typographical errors. Typographical errors are indicated by placing "[sic]" after the misspelled name. This is not for the purpose of calling attention to the mistakes authors have made but to make certain that students following the catalogue have a clear understanding of what is implied.





The determination of obvious typographical errors is not always easy. These errors range all the way from clearly apparent transpositions of letters, to misspelled names of individuals, geographical names, and many others of like character. However, so many generic names have been formed by the transposition and substitution of letters that one is often at a loss to know which names are misspelled and which are not. For example, *Neokolla* and *Keonolla*, or *Alebra*, *Elebra*, and *Eualebra*.

All variations in spelling save those which refer to endings only, are appropriately cross-referred. The species have also been listed under every known generic combination so that it is possible to find any species without recourse to the index, which will be published at the completion of the Fascicle, together with the full bibliography.

The writer takes no pride in the authorship of *nomen nova*. He uses them only when he thinks they are necessary. No new names are proposed for species or genera described by living authors without first giving the original author an opportunity to correct primary or secondary homonyms.

A catalogue is not a revision of a group and the location of the genera and species in the present catalogue is merely an attempt to reflect what is believed to be the general consensus of the best authorities at the present time. Doubtful genera and species have been included to call them to the attention of subsequent revisers.

An attempt has been made throughout this catalogue to interpret all references in the light of the period in which they were published. This is not always easy and leads perhaps to erroneous conclusions at times, but it is certainly much sounder from the standpoint of nomenclature than the tendency to evaluate references from previous decades in the light of present day practices and procedures.

In the present number of this series we have departed from our previous method of giving latinized names to varieties which in the past have been designated by Arabic letters, Greek letters, numbers, or other designations. All varieties are catalogued, however, under the first designation regardless of its form. Some of these varieties may prove to be valid species with further study and then may be given latinized designations.

Primary homonyms of species have been replaced by *nomen nova*; secondary homonyms have been restored to their original names if the homonym has been relieved by moving one or the other or both species to other genera.

All specific endings have been modified to agree with the suggestions made by Blackwelder 1940, *Journal of the Washington Academy of Sciences* 31: 135-140. There are certain disadvantages inherent in this method, but it seems to the writer that these limitations are outweighed by the advantages of this system. We are confronted by so many coined words that





can have no sex that it seems better to use this system and disregard apparent violations of Latin and Greek grammar. Where the sex of generic names can be determined the appropriate adjustments are made in the specific names.

In a detailed catalogue such as this it is practically impossible to eliminate all errors. The author will appreciate it very much if his attention is directed to all such mistakes. It is especially easy to overlook local lists when published in the proceedings of local natural history societies, references to species of economic importance when published in scientific agricultural journals, references to vectors of plant diseases when published in phytopathological journals, and many other references of a similar nature. It will be very much appreciated if authors will send me reprints of all articles dealing with the Homoptera Auchenorrhyncha so that this material may be included in future catalogues to make them as complete as possible. Also it would seem to the author that changes in the nomenclature adopted in this catalogue should not be made in the future without a full explanation.

All literature available to the writer before August 1, 1955 has been included in this catalogue.

Z. P. METCALF

*Raleigh, North Carolina*  
August 1955







SciELO



## Family LOPHOPIDAE Stål

- Lophopida* 1866 Stål, Hemiptera Africana 4: 130 *Subfamily* [Key]  
:199 *Subfamily* [Described, key to genera]
- 1867 Dallas, Zool. Rec. 3: 559 *Subfamily* [Key]
- Lophopinae* 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 751  
*Subfamily* [Listed]
- Lophopida* 1884 Uhler, Standard Natural History 2: 229 *Subfamily* [Listed] :233 *Subfamily* [Notes]
- Lophopina* 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 42 *Subfamily* [Described, catalogued] Equals *Lophopida*
- Lophopida* 1888 Uhler, Riverside Natural History 2: 229 *Subfamily* [Listed] :233 *Subfamily* [Notes]
- 1890 Hansen, Ent. Tidskr. 11: 72 [Taxonomy]
- Lophopidae* 1899 Haglund, Öfv. Svenska Vet. Akad. Förh. 56: 65  
*Subfamily* [Listed]
- 1902 Melichar, Ann. Mus. Zool. St. Petersburg 7: 90  
(15) *Subfamily* [A new species from Persia]
- Lophopida* 1903 Hansen, Entomologist 36: 94 [Taxonomy]
- Lophopidae* 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 63, 223 *Subfamily* [Listed] :11 [Key]
- 1905 Jacobi, Zool. Jahrb. Syst. 21: 437 [Listed]
- 1905 Melichar, Wien. Ent. Zeit. 24: 285 *Subfamily* [Listed]
- Lophopinae* 1906 Distant, Fauna of British India 3: 177 *Subfamily* [Key] :317 *Subfamily* [Described, catalogued, key to Oriental genera] Equals *Lophopida* Equals *Lophopina* Equals *Lophopidae*
- Lophopida* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9) :289 *Subfamily* [Key]
- Lophopidae* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9) :296 *Family* [Listed] :305 [Taxonomy]
- Lophopinae* 1907 Bierman, Ent. Berichten 2: 162 [Listed]
- 1907 Distant, Insecta Transvaaliensia 8: 198 *Subfamily* [Described, catalogued] Equals *Lophopida* Equals *Lophopina* Equals *Lophopidae*
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 92 [Notes] :9 *Subfamily* [Listed]
- Lophopina* 1907 Oshanin, Ann. Mus. Zool. St. Petersburg 12: 252  
*Subfamily* [Catalogued, catalogue of Palearctic genera and species] Equals *Lophopinae* Equals *Lophopidae* Equals *Lophopida*



- Lophopinae* 1908 Bierman, Notes Leyden Mus. 29: 157 [Listed]  
 1909 Distant, Trans. Linn. Soc. London Zool. (2) 13: 42 *Subfamily* [Listed]  
 1909 Distant, Rec. Indian Mus. 3: 167 [New genera and species from the East Indies]  
 1909 Lefroy and Howlett, Indian Insect Life 1909: 726 [Notes]  
 1910 Banks, Philippine Jour. Sci. 5: 40 *Subfamily* [Listed]  
 1910 Distant, Ann. Mag. Nat. Hist. (8) 5: 321 *Subfamily* [Listed]  
 1910 Distant, Insecta Transvaaliensia 10: 246 *Subfamily* [Listed]  
 1910 Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro 1910: 104 *Subfamily* [Listed]
- Lophopina* 1910 Oshanin, Ann. Mus. Zool. St. Petersburg 15: 183 *Subfamily* [Catalogued] Equals *Lophopinae* *Subfamily*
- Lophopinae* 1911 Distant, Insecta Transvaaliensia 11-12: 289 *Subfamily* [Listed]
- Lophopidae* 1911 Horváth, Ann. Mus. Nat. Hungarici 9: 32 *Family* [Catalogued] Equals *Lophopida* Equals *Lophopina* Equals *Lophopinae*
- Lophopinae* 1912 Distant, Ann. Mag. Nat. Hist. (8) 9: 188 *Subfamily* [New species from the Oriental Region]
- Lophopidae* 1912 Oshanin, Katalog paläarktischen Hemipteren 1912: 121 *Family* [List of Palearctic genera and species]
- Lophopinae* 1912 Schmidt, Rev. Zool. Africaine 1: 357 *Subfamily* [Listed]
- Lophopidae* 1913 Oshanin, Faune Russie 3 (1) :6 [Notes]
- Lophopinae* 1914 Distant, Ann. Mag. Nat. Hist. (8) 14: 326 *Subfamily* [A new species from India]  
 1914 Matsumura, Ann. Mus. Nat. Hungarici 12: 267 *Subfamily* [List of species from Japan] :261 [Listed]  
 1914 Melichar, Notes Leyden Mus. 36: 104 *Subfamily* [List of species from Java]  
 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 337 *Subfamily* [Described, catalogued, key to tribes] Equals *Lophopida* Equals *Lophopina* Equals *Lophopidae*



- 1915 Schumacher, Mitt. Zool. Mus. Berlin **8**: 117 *Subfamily* [Listed]
- 1915 Schumacher, Suppl. Ent. **4**: 133 *Subfamily* [A new genus and a new species from Formosa]
- 1916 Distant, Fauna of British India **6**: 82 *Subfamily* [Listed]
- 1916 Matsumura, [Applied Entomology **1**]: 378 [Key]
- Lophopidae 1916 Oshanin, Horae Soc. Ent. Rossicae **42**: 90 *Family* [Bibliography]
- Lophopinae 1917 Distant, Trans. Linn. Soc. London Zool. **17**: 293 *Subfamily* [Listed]
- Lophopidae 1917 Haupt, Stett. Ent. Zeit. **78**: 308 [A new species from Celebes]
- Lophopinae 1917 Matsumura, [Applied Entomology] **1917**: 378 [Key]
- Lophopidae 1918 Pierce, Proc. United States Nat. Mus. **54**: 488 *Family* [Listed]
- 1922 Kershaw and Muir, Ann. Ent. Soc. America **15**: 209 *Family* [Morphology of male genitalia]
- Lophopinae 1922 Melichar, Voyage Baron de Rothschild en Éthiopie et en Afrique Orientale Anglaise (1904–1905) **1922**: 312 *Subfamily* [Listed]
- Lophopidae 1923 Muir, Proc. Hawaiian Ent. Soc. **5**: 220 *Family* [Key] :235 [Described, catalogued] Equals *Lophopida* :246; Pl. VIII [Phylogeny, illustrated]
- 1925 Baker, Treubia **6**: 271 [Described] :272 [Key to subfamilies]
- Lophopini 1925 Handlirsch, Schröder's Handbuch der Entomologie **3** (17–18): 1108 *Tribe* [Described] Equals *Lophopida* Equals *Lophopina* Equals *Lophopidae* Equals *Lophopinae*
- Lophopinae 1925 Hesse, Ann. South African Mus. **23**: 158 *Subfamily* [Catalogue of genera and species from Southwest Africa]
- Lophopidae 1925 Singh-Pruthi, Trans. Ent. Soc. London **1925**: 218 *Family* [Listed] :232; Text Fig. 2 [Phylogeny, illustrated]
- Lophopinae 1926 Haupt, Philippine Jour. Sci. **29**: 434 *Subfamily* [New species from the Philippines]
- 1926 Schmidt, Treubia **7**: 246 *Subfamily* [Listed]
- Lophopidae 1926 Tillyard, Insects of Australia and New Zealand **1926**: 166 [Key] :169 *Family* [Listed]



- 1927 Baker, Philippine Jour. Sci. **32**: 394 [Listed]
- Lophopinae* 1927 Martynov, Bull. Acad. Sci. URSS **20**: 1356 *Subfamily* [Comparative note]
- Lophopidae* 1927 Muir, Insects of Samoa and other Samoan Terrestrial Arthropoda **1** (2) :3 *Family* [Listed] :23 [A new genus with new species from Samoa]
- Lophopinae* 1927 Schmidt, Soc. Ent. **42**: 30 *Subfamily* [Listed]
- 1928 Kato, Kontyû **2**: 222 *Subfamily* [Listed]
- 1928 Schmidt, Treubia **10**: 131 *Subfamily* [Listed]
- Lophopidae* 1928 Uichanco, Ann. Conv. Philippine Sugar Assoc. **6**: 70 (6) *Family* [Listed]
- Lophopinae* 1929 Haupt, Proc. Int. Zool. Congr. **10**: 1073 [Listed]
- 1929 Haupt, Zool. Jahrb. Syst. Ökol. **58**: 203 *Subfamily* [Key]
- Lophopidae* 1930 Muir, Ann. Mag. Nat. Hist. (10) **6**: 477 [Notes, key to genera] :466 *Family* [Key]
- Lophopinae* 1930 Schmidt, Wien. Ent. Zeit. **47**: 118 *Subfamily* [Listed]
- Lophopidae* 1930 Uichanco, Proc. Pacific Sci. Cong. **4** (4) :571 *Family* [Listed]
- 1931 Muir, Rec. Australian Mus. **18**: 77 *Family* [A new genus and new species from the Solomon Islands] :79 [Comparative notes]
- 1931 Muir, Proc. Hawaiian Ent. Soc. **7**: 476 [A new genus and new species from Ecuador]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 121 [Key]
- 1932 Esaki, Lecture on Leafhoppers **1932**: 2 [Listed]
- 1932 Kato, Monograph of Cicadidae **1932**: 139 *Family* [Listed]
- 1933 Kato, Ent. World **1**: 10 [A new genus from Manchuria] :18 [Listed]
- 1934 Anonymous, List of Insects on Sugar Cane in Formosa **1934**: 28 *Family* [Listed]
- Lophopinae* 1935 Lallemand, Ann. Mus. Genova **53**: 80 *Subfamily* [Listed]
- 1938 Lallemand, Bull. Mus. R. Hist. Nat. Belgique **14** (58) :3 *Subfamily* [Listed]
- Lophopidae* 1938 Metcalf, Bull. Mus. Comp. Zool. Harvard Coll. **32**: 282 *Family* [Key]
- 1939 Lallemand, Ann. Mag. Nat. Hist. (11) **4**: 71 *Family* [Listed]



- 1939 Metcalf, Jour. Soc. Bibl. Nat. Hist. 1: 247 [Listed]  
 1939 de Seabra, Arq. Secc. Biol. e Par. 3: 95 *Family* [Listed]  
 1939 Takano and Yanagihara, [Extra Rept. Sug. Exp. Sta. Taiwan 2]: 117 [Notes]  
 1941 Jacobi, Zool. Jahrb. Syst. Ökol. 74: 290 *Family* [Listed]  
*Lophopinae* 1941 Lallemand, Expl. Parc National Albert 32: 17 *Subfamily* [Listed]  
*Lophopidae* 1942 da Costa Lima, Insectos do Brasil 3: 41 [Key]  
*Lophopinae* 1942 Lallemand, Expl. Parc National Albert 32: 4 *Subfamily* [Listed]  
 1942 Lallemand, Notes Ent. Chinoise 9: 70, 74 *Subfamily* [Listed]  
*Lophopidae* 1944 Fennah, Proc. Ent. Soc. Washington 46: 187 [Venation]  
 1944 Fennah, American Mus. Nov. 1265: 7 [Listed]  
 1944 Jacobi, Mitt. Münchner Ent. Ges. 34: 17 *Family* [Listed]  
 1944 Metcalf, A Bibliography of the Homoptera 2: 146 [Bibliography]  
 1945 Fennah, Proc. Ent. Soc. Washington 47: 229; Pl. 23, 1 fig. [Morphology of external ♂ genitalia, illustrated]  
 1945 Metcalf, Zoologica 30: 137 [Listed]  
 1947 Metcalf, Jour. Elisha Mitchell Sci. Soc. 62: 161, 162 [Listed]  
 1947 Metcalf, Proc. Ent. Soc. Washington 49: 238 [Zoogeography]  
 1949 Fennah, Ann. Mag. Nat. Hist. (12) 2: 118 [Key, comparative note] :119 [Comparative note] :115 [Taxonomy]  
 1950 Fennah, Bull. Bernice P. Bishop Mus. 202: 14 [Key]  
 1951 Metcalf, Comm. Biol. 12 (1): 13 [Listed]  
 1951 Pesson, Traité de Zoologie 10: 1526 [Listed]  
 1952 China and Fennah, Ann. Mag. Nat. Hist. (12) 5: 195 [Key] :192, 194, 196, 197, 198 [Comparative notes]  
 1952 Lallemand, Publ. Cult. Comp. Diam. Angola 1952: 12 *Family* [Listed]



- 1952 Lallemand, Bull. Inst. Francais d'Afrique Noire  
14: *Family* [Listed]  
1952 Lallemand and Synave, Bull. Inst. Royal Sci.  
Nat. Belgique 28: 22 *Family* [Listed]  
1952 Metcalf, Jour. Washington Acad. Sci. 42: 227  
*Family* [Listed]  
1952 Villiers, Init. Africaines 9: 234 *Family* [Described,  
review of genera and species from Africa, zoogeog-  
raphy] :211 [Key]  
1953 Box, List of sugar-cane insects 1953: 43 [List of  
species attacking sugar-cane]  
1953 Hennig, Beitr. Ent. 3: 69 [Bibliography]  
1953 Lallemand and Synave, Verh. Naturf. Ges.  
Basel 64: 229, 253, 254 [Listed]  
1954 Brues, Melander, and Carpenter, Bull. Mus.  
Comp. Zool. Harvard Coll. 103: 155 [Key]  
1954 Lindberg, Comm. Biol. 14 (1): 275 [Zoogeography]  
1954 Müller, Beitr. Ent. 4: 29 [Listed]

*Lophopinae*

## Subfamily LOPHOPINAE Schmidt

- Lophopini* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 337  
*Tribe* [Key]  
*Lophopinae* 1925 Baker, Treubia 6: 272 *Subfamily* [Key] :273  
*Subfamily* [Key to genera] :290, 292 [Comparative  
notes]  
*Lophopsini* 1926 Schmidt, Treubia 7: 246 *Tribe* [Listed]  
[sic]  
1928 Schmidt, Treubia 10: 131 *Tribe* [Listed]  
*Lophopinae* 1939 Lallemand, Ann. Mag. Nat. Hist. (11) 4: 71 *Sub-*  
*family* [Listed]  
1939 Metcalf, Jour. Soc. Bibl. Nat. Hist. 1: 247 [Listed]  
1944 Metcalf, A Bibliography of the Homoptera 2: 146  
[Listed]

## Tribe LOPHOPINI Melichar

- Lophopini* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 338  
[Described, key to genera]  
1925 Baker, Treubia 6: 271 [Notes]  
1926 Haupt, Philippine Jour. Sci. 29: 434 *Tribe* [Listed]



Genus *Lophops* Spinola

HAPLOTYPE *Lophops servillei* [n. sp.] 1839 Spinola, Ann. Soc. Ent. France 8: 387

TYPE *Lophops servillei* 1840 Duponchel, Rev. Zool. 2: 205

TYPE *Lophops servillei* 1903 Kirkaldy, Entomologist 36: 215

TYPE *Lophops servillei* 1909 Distant, Rec. Indian Mus. 3: 174

TYPE *L[ophops] servillei* 1912 Oshanin, Katalog paläarktischen Hemipteren 1912: 121

TYPE *L[ophops] servillei* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 339

TYPE *Lophops servillei* 1926 Schmidt, Treubia 7: 246

TYPE *Lophops servillei* 1928 Schmidt, Treubia 10: 131

TYPE *Lophops servillei* 1930 Schmidt, Wien. Ent. Zeit. 47: 118

[*Astorga* Kirkaldy]

[HAPLOTYPE *Astorga saccharicida* [n. sp.] 1906 Kirkaldy Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9) :395]

[*Brixioides* Kirby]

[HAPLOTYPE *Brixioides carinatus* [n. sp.] 1891 Kirby, Jour. Linnean Soc. Zool. 24: 139]

[TYPE *B[r]ixioides carinatus* 1906 Distant, Fauna of British India 3: 327]

[TYPE *Brixioides carinatus* 1912 Schmidt, Rev. Zool. Africaine 1: 357]

[*Cystingocephala* Stål]

[LOGOTYPE *Cystingocephala marginelineata* [n. sp.] 1855 Stål, Öfv. Svenska Vet. Akad. Förh. 12: 95]

[*Gozarta* Walker]

[HAPLOTYPE *Gozarta zebra* [n. sp.] 1870 Walker, Jour. Linnean Soc. Zool. 10: 116]

- Lophops* 1839 Spinola, Ann. Soc. Ent. France 8: 387 [gen. n.] :205 [Key]  
 1840 Duponchel, Rev. Zool. 2: 205 [Described]  
 1842 Agassiz, Erichson and Germar, Nomenclator Zoologicus 1842: 11 [Listed]  
 1843 Amyot and Serville, Histoire Naturelle des Insectes. Hémiptères 1843: 526 [Described]  
 1846 Agassiz, Erichson and Germar, Nomenclator Zoologicus. Addenda 1846: 8 [Listed]



- 1848 Agassiz, Nomenclatoris Zoologici Index Universalis 1848: 622 [Listed]
- 1849 Blanchard, Dictionnaire Universal d'Histoire Naturelle 7: 441 [Listed]
- 1850 Spinola, Mem. Soc. Italiana Modena 25 (1) :53 [Key]
- 1850 Schaum, Allgemeine Encyklopädie Ersch and Gruber 51: 73 [Described]
- 1851 Walker, List of Homopterous Insects 2: 403 [Catalogued, catalogue of species]
- Cystingocephala* 1853 Stål, Öfv. Svenska Vet. Akad. Förh. 10: 266 [gen. n.]
- 1855 Stål, Öfv. Svenska Vet. Akad. Förh 12: 95 [Catalogued]
- 1859 Dohrn, Catalogus Hemipterorum 1859: 65 [List of species]
- Lophops 1859 Dohrn, Catalogus Hemipterorum 1859: 65 [List of species]
- 1859 Stål, Berliner Ent. Zeit. 3: 326 [Comparative note]
- 1866 Stål, Hemiptera Africana 4: 290 [Key] :201 [Described, catalogued] Equals *Cystingocephala* Stål
- 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 751 [Listed]
- Gozarta* 1870 Walker, Jour. Linnean Soc. Zool. 10: 116 [gen. n.]
- Cystingocephala* 1873 Marschall, Nomenclator Zoologicus 1873: 360 [Catalogued]
- Gozarta* 1873 Marschall, Nomenclator Zoologicus 1873: 365 [Catalogued]
- Cystingocephala* 1882 Scudder, Bull. United States Nat. Mus. 19: 90 [Listed]
- Gozarta* 1882 Scudder, Bull. United States Nat. Mus. 19: 135 [Listed]
- Lophops 1882 Scudder, Bull. United States Nat. Mus. 19: 180 [Listed]
- 1889 Ashmead, Ent. Americana 5: 6 [Key]
- Bixioides* 1891 Kirby, Jour. Linnean Soc. Zool. 24: 139 [gen. n.]
- Lophops 1903 Kirkaldy, Entomologist 36: 215 [Listed]
- Bixioides* 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 35 [Described, catalogued] :223 [Listed]
- 1906 Distant, Fauna of British India 3: 317 [Key] :327 [Described, catalogued]



- Astorga* 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1: (9) :395 [gen. n.] :391 [Key] :313 [Listed] :305 [Notes, taxonomy]
- Lophops 1907 Horváth, Ann. Mus. Nat. Hungarici 5: 322 [Listed]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 97 [Notes] :96 [Listed] :92 Equals *Serida* [error]
- Brixioides* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 92 [Listed]
- Astorga* 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 96 [Notes] :92 [Listed]
- Lophops 1907 Oshanin, Ann. Mus. Zool. St. Petersburg 12: 253 [Catalogued, catalogue of Palearctic species] Equals *Cystingocephala* Stål
- 1908 Oshanin, Ann. Mus. Zool. St. Petersburg 13: 448 [Listed]
- 1909 Distant, Rec. Indian Mus. 3: 174 [Catalogued] Equals *Cystingocephala* Stål Equals *Gozarta* Walk.
- 1911 Horváth, Ann. Mus. Nat. Hungarici 9: 32 [Listed]
- Astorga* 1912 Melichar, Abh. Zool. Bot. Ges. Wien 7 (1) :4 [Notes]
- Lophops 1912 Oshanin, Katalog paläarktischen Hemipteren 1912: 121 [List of Palearctic species] Equals *Cystingocephalus* Stål
- Brixioides* 1912 Schmidt, Rev. Zool. Africaine 1: 357 [Notes, catalogued]
- 1914 Matsumura, Ann. Mus. Nat. Hungarici 12: 267 [Catalogued]
- Lophops 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 339 [Described, catalogued, key to species] Equals *Cystingocephala* Stål Equals *Gozarta* Walk. Equals *Brixioides* Kirby Equals *Astorga* Kirk. :343 [Comparative note] :338 [Key]
- Brixioides* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 339 [Comparative note]
- Lophops 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 117 [Listed]
- Brixioides* 1916 Distant, Fauna of British India 6: 85 [Listed]
- Lophops 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 235 [Catalogued]
- 1925 Baker, Treubia 6: 278 [Notes] :273 [Key]



- 1925 Handlirseh, Schröder's Handbuch der Entomologie 3 (17-18): 1109 [Listed]
- 1926 Schmidt, Treubia 7: 246 [Catalogued, new species from Buru] Equals *Astorga* Kirk. Equals *Brixioides* Kirby Equals *Gozarta* Walk. Equals *Cystingocephala* Stål
- Astorga* 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (2) :309 [Catalogued]
- Brixioides* 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (3) :457 [Catalogued]
- Lophops 1928 Pierce, Report Philippine Sugar Association 1928: 80 [Ecology]
- 1928 Schmidt, Treubia 10: 131 [Catalogued]
- Cystingocephala* 1928 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (8) :908 [Catalogued]
- Lophops 1929 Haupt, Zool. Jahrb. Syst. Okol. 58: 203 [Notes]
- Gozarta* 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (11) :1407 [Catalogued]
- Lophops 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]
- 1930 Schmidt, Wien. Ent. Zeit. 47: 118 [Catalogued]
- 1931 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (14) :1895 [Catalogued]
- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 121 [Listed]
- 1933 Kato, Ent. World 1: 87 [Listed]
- Astorga* 1939 Neave, Nomenclator Zoologicus 1: 332 [Catalogued]
- Brixioides* 1939 Neave, Nomenclator Zoologicus 1: 487 [Catalogued]
- Cystingocephala* 1939 Neave, Nomenclator Zoologicus 1: 954 [Catalogued]
- Gozarta* 1939 Neave, Nomenclator Zoologicus 2: 509 [Catalogued]
- Lophops 1939 Neave, Nomenclator Zoologicus 2: 995 [Catalogued]
- 1952 Lallemand and Synave, Bull. Inst. Royal Sci. Nat. Belgique 28: 23 [Catalogued]
- 1952 Villiers, Init. Africaines 9: 234 [Described]
- 1953 Lallemand and Synave, Verh. Naturf. Ges. Basel 64: 253 [Catalogued]
- 1954 Brues, Melander, and Carpenter, Bull. Mus. Comp. Zool. Harvard Coll. 108: 155 [Listed]



**africana** Schmidt

- 1912 *Brixioides africanus* Schmidt, Rev. Zool. Africane 1: 358 [n. sp.]<sup>1, 2, 3</sup>

LOCALITIES: <sup>1</sup>Belgian Congo. <sup>2</sup>Cameroons. <sup>3</sup>Togoland.

**angustipennis** Stål

- 1866 *Lophops angustipennis* Stål, Hemiptera Africana 4: 202 [n. sp.]<sup>1</sup>  
 1902 *L[ophops] angustipennis* Meliehar, Ann. Mus. Zool. St. Petersburg 7: 91 (16) [Comparative note]<sup>2</sup>  
 1907 *Lophops angustipennis* Horváth, Ann. Mus. Nat. Hungariei 5: 322 [Catalogued]<sup>1, 3</sup>  
 1908 *Lophops angustipennis* Oshanin, Ann. Mus. Zool. St. Petersburg 13: 448 [Catalogued]<sup>3, 4, 6</sup>  
 1912 *Lophops angustipennis* Oshanin, Katalog paläarktischen Hemipteren 1912: 121 [Listed]<sup>3, 4</sup>  
 1915 *Lophops angustipennis* Meliehar, Ann. Mus. Nat. Hungariei 13: 342 [Described, catalogued]<sup>1, 3, 5</sup> :340 [Key]<sup>1, 5</sup>

LOCALITIES: <sup>1</sup>Senegal. <sup>2</sup>Africa. <sup>3</sup>Tunisia. <sup>4</sup>Ethiopian Region. <sup>5</sup>Western Africa. <sup>6</sup>Senegambia.

*australis* Walker. See *Scolypopa australis* Walker. Family RICANIIDAE. Fascicle IV, Part 16.

*balteata* Distant. See *Serida balteata* Distant.

**carinata** Kirby

- 1891 *Brixioides carinatus* Kirby, Jour. Linnean Soc. Zool. 24: 140; Pl. 5, Fig. 9 [n. sp., illustrated]<sup>1</sup>  
 1903 *Brixioides carinatus* Meliehar, Homopteren-Fauna von Ceylon 1903: 35 [Described, catalogued]<sup>1</sup> :223 [Listed]<sup>1</sup>  
 1906 *Brixioides carinatus* Distant, Fauna of British India 3: 328; Fig. 162 [Described, catalogued, illustrated]<sup>1</sup>  
 1908 *Brixioides carinatus* Bierman, Notes Leyden Mus. 29: 154 [Notes]<sup>2, 4</sup>  
 1909 *Brixioides carinatus* Lefroy and Howlett, Indian Insect Life 1909: 726 [Notes]<sup>3</sup>  
 1910 *Brixioides carinatus* Bierman, Notes Leyden Mus. 33: 18 [Listed]<sup>2, 4</sup>  
 1912 *Brixioides carinatus* Schmidt, Rev. Zool. Africaine 1: 358 [Comparative note, catalogued]<sup>1</sup>  
 1914 *Brixioides carinatus* Matsumura, Ann. Mus. Nat. Hungariei 12: 267 [Catalogued]<sup>1, 5</sup>  
 1914 *Brixioides carinatus* Meliehar, Notes Leyden Mus. 36: 104 [Catalogued]<sup>2</sup>  
 1915 *Lophops carinata* Meliehar, Ann. Mus. Nat. Hungariei 13: 341 [Described, catalogued]<sup>1, 2, 5, 6, 9</sup> Equals *Brixioides carinatus* Kirby :340 [Key]<sup>1, 2, 5, 6</sup>



- 1915 *Lophops carinata* Schumacher, Mitt. Zool. Mus. Berlin 8: 117 [Catalogued]<sup>1, 2, 5, 6</sup> Equals *Brixioidea carinatus* Kirby
- 1916 *Brixioidea carinatus* Distant, Fauna of British India 6: 85 [Listed]<sup>5</sup>
- 1917 *Brixioidea carinata* Copeland, Philippine Agr. and For. 5: 344 [Listed]<sup>6</sup>
- 1921 *Brixioidea carinatus* Woodworth, Philippine Agr. 10: 31 [Food plants]<sup>6</sup>
- 1925 *Lophops carinatus* Baker, Treubia 6: 279; Pl. III, Figs. 6a-e [Notes, illustrated]<sup>1, 9, 10</sup> Equals *Brixioidea carinatus*
- 1926 *Lophops carinata* Haupt, Philippine Jour. Sci. 29: 434 [Listed]<sup>11</sup>
- 1927 *Lophops carinatus* Baker, Philippine Jour. Sci. 32: 396 [Comparative notes]
- 1928 *Lophops carinata* Schmidt, Treubia 10: 131 [Catalogued]<sup>2</sup>
- 1928 *Lophops carinatus* Uichanco, Ann. Conv. Philippine Sugar Assoc. 6: 70 (6) [Economics]<sup>6</sup>
- 1930 *Lophops carinatus* Pierce, Proc. Ent. Soc. Washington 32: 103 [Food plants]<sup>12</sup>
- 1930 *Lophops carinatus* Pierce, Bull. Victorias Mill. Co. 6: 10; Pl. I, Figs. 5-7 [Economics, illustrated]<sup>12</sup>
- 1930 *Lophops carinata* Schmidt, Wien. Ent. Zeit. 47: 118 [Catalogued]<sup>2</sup>
- 1931 *Lophops carinatus* Pierce, Jour. New York Ent. Soc. 39: 584 [Food plants]<sup>12</sup>
- 1932 *Lophops carinata* Esaki, Iconographia Insectorum Japonicorum 1923: [1795]; 1 text fig. [Described, illustrated]<sup>13</sup>
- 1933 *Lophops carinata* Kato, Three Colour Illustrated Insects of Japan 4: Pl. 14, fig. 7 [Illustrated]<sup>13</sup>
- 1934 *Lophops carinata* Anonymous, List of Insects on Sugar Cane in Formosa 1934: 28 [Listed]<sup>5</sup>
- 1938 *Brixioidea carinatus* Matsumura, Ins. Matsumurana 12: 148 [Catalogued]<sup>1, 5</sup>
- 1939 *Lophops carinata* Takano and Yanagihara, [Extra Rept. Sug. Exp. Sta. Taiwan 2] :117; [Pl. 7], Fig. 7 [Economics, illustrated]<sup>5</sup>
- 1940 *Brixioidea carinatus* Matsumura, Ins. Matsumurana 15: 35 [Listed]<sup>3, 5, 14</sup>
- 1941 *Lophops carinatus* Jacobi, Zool. Jahrb. Syst. Ökol. 74: 290 [Described]<sup>7</sup>
- 1953 *Lophops carinatus* Box, List of sugar-cane insects 1953: 43 [Parasites, food plants]<sup>5, 6</sup> Equals *Brixioidea carinatus* Kirby
- 1953 *Lophops carinata* Lallemant and Synave, Verh. Naturf. Ges. Basel 64: 253 [Catalogued]<sup>7</sup> Equals *Brixioidea carinata* Kirby
- LOCALITIES: <sup>1</sup>Ceylon. <sup>2</sup>Java. <sup>3</sup>India. <sup>4</sup>Sumatra. <sup>5</sup>Formosa <sup>6</sup>Philippines. <sup>7</sup>Flores. <sup>8</sup>Bihar. <sup>9</sup>Luzon. <sup>10</sup>Oriental Region. <sup>11</sup>Mindanao. <sup>12</sup>Negros. <sup>13</sup>Japan. <sup>14</sup>China.



*cristata* Fabricius. See *Tylana (Tylana) cristata* Fabricius. Family ISSIDAE.

**fusca** Melichar

1915 *Lophops fusca* Melichar, Ann. Mus. Nat. Hungarici 13: 343  
[n. sp.]<sup>1, 2</sup> :340 [Key]<sup>1</sup>

1926 *L[ophops] fusca* Schmidt, Treubia 7: 246 [Comparative note]

LOCALITIES: <sup>1</sup>New Guinea. <sup>2</sup>Northeast New Guinea.

**intermedia** Schmidt

1926 *Lophops intermedia* Schmidt, Treubia 7: 246 [n. sp.]<sup>1</sup>

LOCALITIES: <sup>1</sup>Buru.

**mentawiensis** Baker

1927 *Lophops mentawiensis* Baker, Philippine Jour. Sci. 32: 395; Pl.  
1, Fig. 14; Text Figs. 1a-g [n. sp., illustrated]<sup>1</sup> :393 [Listed]<sup>1, 2</sup>

LOCALITIES: <sup>1</sup>Siberut Island. <sup>2</sup>Mentawai Islands.

**pallida** Melichar

1902 *Lophops pallidus* Melichar, Ann. Mus. Zool. St. Petersburg 7:  
90 (15) [n. sp.]<sup>1</sup>

1907 *Lophops pallidus* Oshanin, Ann. Mus. Zool. St. Petersburg 12:  
253 [Catalogued]<sup>1</sup>

1912 *Lophops pallidus* Oshaniin, Katalog paläarktischen Hemipteren  
1912: 121 [Listed]<sup>1</sup>

1915 *Lophops pallida* Melichar, Ann. Mus. Nat. Hungarici 13: 342  
[Described, catalogued]<sup>1</sup> :340 [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup>Persia.

*picta* Melichar (var.). See *Lophops servillei* var. *picta* Melichar.

**saccharicida** Kirkaldy

1906 *Astorga saccharicida* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc.  
Div. Ent. 1 (9) :395; Pl. XXVIII, Figs. 10-13 [n. sp., illustrated]<sup>1</sup>  
:313 [Listed]

1907 *Astorga saccharicida* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc.  
Div. Ent. 3: 97; Pl. I. Figs. 8, 9. [Notes, nymph illustrated]  
:12 [Listed]

1912 *A[storga] saccharicida* [sic] Melichar, Abh. Zool. Bot. Ges. Wien  
7 (1) :4 [Listed]<sup>1</sup>

1915 *Lophops saccharicida* Melichar, Ann. Mus. Nat. Hungarici 13:  
341 [Described, food plants, catalogued]<sup>1, 2, 3</sup> Equals *Astorga*  
*saccharicida* Kirk. :340 [Key]<sup>3</sup>

1926 *L[ophops] saccharicida* Schmidt, Treubia 7: 247 [Comparative  
note, catalogued]

1926 *Lophops saccharicida* Tillyard, Insects of Australia and New  
Zealand 1926: 169; Fig. Q33 [Notes, food plants, illustrated]<sup>1</sup>

1953 *[Lophops] saccharicida* Box, List of sugar-cane insects 1953: 43  
[Parasites]<sup>1</sup> Equals *Astorga [saccharicida]* Kirk.]



1953 *Lophops saccharicida* Lallemand and Synave, Verh. Naturf. Ges. Basel 64: 254 [Catalogued]<sup>3, 4</sup> Equals *Astorga saccharicida* Kirk.

LOCALITIES: <sup>1</sup>Queensland. <sup>2</sup>New Guinea. <sup>3</sup>Australia. <sup>4</sup>Northern Territory.

*servillaei*. Typographical error for *Lophops servillei* Spinola.

**servillei** Spinola

- 1839 *Lophops servillei* Spinola, Ann. Soc. Ent. France 8: 388; Pl. 10, Figs. 3A-B [n. sp., illustrated]<sup>1</sup>
- 1840 *Lophops servillei* Duponchel, Rev. Zool. 2: 205 [Listed]<sup>1</sup>
- 1843 *Lophops servillei* Amyot and Serville, Histoire Naturelle des Insects. Hémiptères 1843: 527 [Described, catalogued]<sup>1</sup>
- 1849 *Lophops servillaei* [sic] Blanchard, Dictionnaire Universel d'Histoire Naturelle 7: 441 [Listed]<sup>1</sup>
- 1850 *Lophops servillei* Schaum, Allgemeine Encyklopädie Ersch und Gruber 51: 73 [Listed]<sup>1</sup>
- 1851 *Lophops servillei* Walker, List of Homopterous Insects 2: 403 [Catalogued]<sup>1</sup>
- 1855 *Cystingocephala marginelineata* Stål, Öfv. Svenska Vet. Akad. Förh. 12: 95 [n. sp.]<sup>2, 3</sup>
- 1859 *Lophops servillei* Dohrn, Catalogus Hemipterorum 1859: 65 [Listed]<sup>1</sup>
- 1859 *Cystingocephala marginelincata* Dohrn, Catalogus Hemipterorum 1859: 65 [Listed]<sup>1</sup>
- 1866 *Lophops servillei* Stål, Hemiptera Africana 4: 202 [Described, catalogued]<sup>3, 4</sup> Equals *Cystingocephala marginelineata* Stål
- 1870 *Lophops servillei* (?) Stål, Öfv. Svenska Vet. Akad. Förh. 27: 751 [Catalogued]<sup>5</sup>
- 1895 *Lophops servillei* Gerstaecker, Mitth. Naturw. Ver. Greifswald 27: 17 [Listed]<sup>6, 7</sup> Equals *Cystingocephala marginelineata* Stål
- 1910 *Lophops servillei* Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro 1910: 104, 135 [Listed]<sup>8</sup>
- 1915 *Lophops servillei* Melichar, Ann. Mus. Nat. Hungarici 13: 340; Fig. 1 [Described, key, illustrated, catalogued]<sup>9, 10, 11, 14</sup> Equals *Cystingocephala marginelincata* Stål 341, 342 [Comparative notes]
- 1938 *Lophops servillei* Lallemand, Bull. Mus. R. Hist. Nat. Belgique 14 (58) 3 [Food plants]<sup>12</sup>
- 1941 *Lophops servillei* Lallemand, Expl. Parc National Albert 32: 17 [Listed]<sup>12</sup>
- 1942 *Lophops servillei* Lallemand, Bull. Soc. Ent. France 47: 68 [Listed]<sup>13</sup>
- 1952 *Lophops servillei* Lallemand, Bull. Inst. Français d'Afrique Noire 14: 168 [Listed]<sup>10, 12, 14, 15, 16</sup>



- 1952 *Lophops servillei* Lallemant, Publ. Cutl. Comp. Diam. Angola 1952: 12 [Listed]<sup>17</sup>
- 1952 *Lophops servillei* Lallemant and Synave, Bull. Inst. Royal Sci. Nat. Belgique 28: 23 [Catalogued]<sup>12</sup>
- 1952 *L[ophops] servillei* Villiers, Init. Africaines 9: 234; Fig. 336 [Described, illustrated]<sup>9</sup>
- 1953 [*Lophops*] *servillei* (?) Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>3</sup>
- LOCALITIES: <sup>1</sup>Africa. <sup>2</sup>Natal. <sup>3</sup>Sierra Leone. <sup>4</sup>Caffraria. <sup>5</sup>Philippines (?) <sup>6</sup>Rhodesia. <sup>7</sup>Southern Nigeria. <sup>8</sup>Tanganyika. <sup>9</sup>Western Africa. <sup>10</sup>Fernando Po. <sup>11</sup>Eastern Africa. <sup>12</sup>Belgian Congo. <sup>13</sup>Ivory Coast. <sup>14</sup>Cameroons. <sup>15</sup>Togo. <sup>16</sup>Dahomey. <sup>17</sup>Angola.

*servillei* var. *picta* Melichar

- 1915 *Lophops servillei picta* Melichar, Ann. Mus. Nat. Hungarici 13: 341 [n. var.]<sup>1, 2</sup>
- LOCALITIES: <sup>1</sup>Eastern Africa. <sup>2</sup>Tanganyika.

*zebra* Walker

- 1870 *Gozarta zebra* Walker, Jour. Linnean Soc. Zool. 10: 116 [n. sp.]<sup>1</sup>
- 1909 *Lophops zebra* Distant, Rec. Indian Mus. 3: 174 [Catalogued]<sup>2, 3, 5</sup> Equals *Gozarta zebra* Walk.
- 1915 *Lophops zebra* Melichar, Ann. Mus. Nat. Hungarici 13: 341 [Described, catalogued]<sup>3, 4, 8</sup> Equals *Gozarta zebra* Walk. :340 [Key]<sup>5</sup>
- 1925 *Lophops zebra* Baker, Treubia 6: 278; Pl. II, Figs. 5a-b [Notes, illustrated]<sup>2, 4, 6, 8</sup>
- 1926 *L[ophops] zebra* Schmidt, Treubia 7: 247 [Comparative note, catalogued]
- 1927 *Lophops zebra* Baker, Philippine Jour. Sci. 32: 396 [Comparative note]
- 1953 [*Lophops*] *zebra* Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>7</sup>
- LOCALITIES: <sup>1</sup>Celebes. <sup>2</sup>Malay Peninsula. <sup>3</sup>Malay Archipelago. <sup>4</sup>Palawan. <sup>5</sup>Malaya. <sup>6</sup>Luzon. <sup>7</sup>Philippines. <sup>8</sup>Tidore.

Genus *Serida* Walker

- LOGOTYPE *S[erida] latens* 1906 Distant, Fauna of British India 3: 324
- TYPE *Serida latens* 1909 Distant, Rec. Indian Mus. 3: 171
- TYPE *Serida latens* 1910 Banks, Philippine Jour. Sci. 5: 40
- TYPE *S[erida] latens* 1912 Distant, Ann. Mag. Nat. Hist. (8) 9: 189
- TYPE *S[erida] latens* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 343



TYPE *S[erida] latens* 1916 Distant, Fauna of British India 6: 84

TYPE *Serida latens* 1928 Schmidt, Treubia 10: 131

- Serida
- 1857 Walker, Jour. Proc. Linn. Soc. 1: 158 [gen. n.]
- 1858 Walker, List of Homopterous Insects. Supplement 1858: 106 [Catalogued]
- 1859 Walker, Natuurk. Tijdschr. Nederlandsch Indië 19: 380 [gen. n.]
- 1862 Signoret, Ann. Soc. Ent. France (4) 2: 592 [Taxonomy]
- 1862 Stål, Ann. Soc. Ent. France (4) 2: 592 [Listed]
- 1862 Stål, Jour. Ent. 1: 480 [Listed]
- 1863 Stål, Stett. Ent. Zeit. 24: 100 [Listed]
- 1866 Stål, Hemiptera Africana 4: 200 [Listed]
- 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 751 [Comparative note, catalogued]
- 1870 Walker, Jour. Linn. Soc. Zool. 10: 183 [Catalogued]
- 1873 Marschall, Nomenclator Zoologicus 1873: 380 [Catalogued]
- 1882 Scudder, Bull. United States Nat. Mus. 19: 291 [Listed]
- 1898 Melichar, Ann. Nat. Hofmus. Wien 13: 282 [Comparative note]
- 1906 Distant, Fauna of British India 3: 317 [Key] :324 [Described, catalogued] :329 [Comparative note]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 92 To *Lophops* [error]
- 1909 Distant, Rec. Indian Mus. 3: 171 [Catalogued]
- 1910 Banks, Philippine Jour. Sci. 5: 40 [Catalogued]
- 1914 Melichar, Monographie der Tropiduchinen 1914: 36, 140 To *Varma* Dist. [error]
- 1915 Melichar, Verh. Naturf. Ver. Brünn 53: 117, 221 To *Varma* Dist. [error]
- 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 343 [Described, catalogued, key to species] :338 [Key]
- 1915 Schumacher, Suppl. Ent. 4: 133 [Comparative note]
- 1916 Distant, Fauna of British India 6: 84 [Listed]
- 1925 Baker, Treubia 6: 271, 272 [Comparative notes] :273 [Key] :277 [Notes]
- 1928 Schmidt, Treubia 10: 131 [Catalogued]



- 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1936 Schulze, Kükenthal and Heider, Nomenclator  
 Animalium 5 (22) :3171 [Catalogued]  
 1940 Neave, Nomenclator Zoologicus 4: 179 [Cata-  
 logued]

**balteata** Distant

- 1909 *Serida balteata* Distant, Rec. Indian Mus. 3: 171 [n. sp.]<sup>1</sup>  
 1915 *Serida balteata* Melichar, Ann. Mus. Nat. Hungarici 13: 345  
 [Described, catalogued]<sup>1</sup> :343 [Key]<sup>1</sup>  
 1944 *Lophops balteatus* Jacobi, Mitt. Münchner Ent. Ges. 34: 17  
 [Listed]<sup>2</sup>

LOCALITIES: <sup>1</sup>Cambodia. <sup>2</sup>Tonkin.

**excisa** Melichar

- 1915 *Serida excisa* Melichar, Ann. Mus. Nat. Hungarici 13: 345;  
 Fig. 3 [n. sp., illustrated]<sup>1, 2</sup> :343 [Key]<sup>1</sup>  
 1925 *Serida excisa* Baker, Treubia 6: 278 [Notes]<sup>1, 2</sup>  
 1928 *Serida excisa* Schmidt, Treubia 10: 131 [Catalogued]<sup>1</sup>

LOCALITIES: <sup>1</sup>Java. <sup>2</sup>Sumatra.

*fervens* Walker. See *Varma fervens* Walker. Family TROPIDUCHIDAE Fascicle IV, Part 11.

**latens** Walker

- 1857 *Serida latens* Walker, Jour. Proc. Linn. Soc. 1: 158 [n. sp.]<sup>1</sup>  
 1859 *Serida latens* Walker, Natuurk. Tijdschr. Nederlandsch Indië  
 19: 380 [n. sp.]<sup>1</sup>  
 1906 *Serida latens* Distant, Fauna of British India 3: 325; Fig. 160  
 [Described, illustrated, catalogued]<sup>2, 3</sup> Equals *Lerida* [sic] *fer-*  
*vens* Walk. [error]  
 1910 *Serida latens* Banks, Philippine Jour. Sci. 5: 40 [Notes, cata-  
 logued]<sup>4</sup> Equals *Serida fervens* Dist. [error] Equals *Lerida* [sic]  
*fervens* Walk. [error]  
 1912 *S[erida] latens* Distant, Ann. Mag. Nat. Hist. (8) 9: 189 [Com-  
 parative note]<sup>2</sup>  
 1915 *Serida latens* Melichar, Ann. Mus. Nat. Hungarici 13: 344;  
 Fig. 2 [Described, key, catalogued, illustrated]<sup>3</sup> :345 [Comparative  
 note]  
 1916 *S[erida] latens* Distant, Fauna of British India 6: 84 [Comparative  
 note]<sup>2</sup>  
 1925 *Serida latens* Baker, Treubia 6: 278; Pl. II, Figs. 4a-e [Notes,  
 illustrated]<sup>1, 2, 4, 5, 6</sup> :286 [Comparative note]  
 1939 *Serida latens* Lallemand, Ann. Mag. Nat. Hist. (11) 4: 71 [Listed]<sup>1</sup>  
 LOCALITIES: <sup>1</sup>Sarawak. <sup>2</sup>Tenasserim. <sup>3</sup>Borneo. <sup>4</sup>Palawan. <sup>5</sup>North Borneo. <sup>6</sup>Burma.



**latens** var. **papuensis** Baker1925 *Serida latens papuensis* Baker, Treubia 6: 278 [n. var.]<sup>1</sup>

LOCALITIES: 'Papua.

**latens** var. **sherwilli** Distant1912 *Serida sherwilli* Distant, Ann. Mag. Nat. Hist. (8) 9: 189 [n. sp.]<sup>1</sup>1915 *Serida sherwilli* Melichar, Ann. Mus. Nat. Hungarici 13: 345 [Described, catalogued]<sup>1</sup> 344 [Key]<sup>1</sup>1916 *Serida sherwilli* Distant, Fauna of British India 6: 84 [Described, catalogued]<sup>1</sup>1925 *Serida latens sherwilli* Baker, Treubia 6: 278 [Described]<sup>1</sup> Equals *Serida sherwilli* Dist.

LOCALITIES: 'Assam.

*papuensis* Baker (var.). See *Serida latens* var. *papuensis* Baker.*proxima* Walker. See *Neocatara proxima* Walker. Family TROPIDUCHIDAE Fascicle IV, Part 11*sherwilli* Distant. See *Serida latens* var. *sherwilli* Distant.Genus **Corethrura** HopeHAPLOTYPE *Corethrura fuscovaria* [n. sp.] 1843 Hope, Trans. Linn. Soc. London Zool. 19: 135TYPE [*Corethrura*] *fuscovaria* 1903 Kirkaldy, Entomologist 36: 216TYPE C[*orethrura*] *fuscovaria* 1906 Distant, Fauna of British India 3: 321TYPE C[*orethrura*] *fusovaria* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 346

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|-----------------|--|
| Corethrura      | 1843 Hope, Trans. Linn. Soc. London Zool. 19: 135 [gen. n.]  |
| Corethura [sic] | 1846 Agassiz, Eriehson and Germar, Nomenclator Zoologicus. Addenda 1846: 4 [Listed]                      |
| Corethrura      | 1848 Agassiz, Nomenclatoris Zoologici Index Universalis 1848: 286 [Listed] Equals <i>Corethura</i> [sic] |
| Corethura [sic] | 1848 Agassiz, Nomenclatoris Zoologiei Index Universalis 1848: 286 [Listed]                               |
| Corethrura      | 1850 Schaum, Allgemeine Eneyklopädie Erseh und Gruber 51: 66 [Described]                                 |
|                 | 1851 Walker, List of Homopterous Insects 2: 395 [Catalogued]   |
|                 | 1859 Dohrn, Catalogus Hemipterorum 1859: 63 [List of species]  |
|                 | 1863 Stål, Trans. Ent. Soc. London (3) 1: 589 [A new species from Celebes]                               |



- 1866 Stål, Hemiptera Africana 4: 200 [Listed]  
 1870 Walker, Jour. Linnean Soc. Zool. 10: 133 [Listed]  
 1882 Scudder, Bull. United States Nat. Mus. 19: 78 [Listed]  
 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 43 [Described, catalogued]  
 1901 Breddin, Abh. Nat. Ges. Halle 24: 181 [Notes]  
 1903 Kirkaldy, Entomologist 36: 216 [Catalogued]  
 1905 Jacobi, Zool. Jahrb. Syst. 21: 438, 439 [Comparative note]  
 1906 Distant, Fauna of British India 3: 317 [Key] :321 [Described, catalogued]  
 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 338 [Key] :346 [Described, catalogued]  
 1925 Baker, Treubia 6: 272 [Notes] :272, 277 [Comparative notes]  
*Corethura* [sic] 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (7) :794 [Catalogued]  
*Corethrura* 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (7) :794 [Catalogued]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
*Corethura* [sic] 1939 Neave, Nomenclator Zoologicus 1: 836 [Catalogued]  
*Corethrura* 1939 Neave, Nomenclator Zoologicus 1: 836 [Catalogued]

*funnebris* Stål. See *Pseudocorethrura funnebris* Stål.

#### **fuscovaria** Hope

- 1843 *Corethrura fuscovaria* Hope, Trans. Linn. Soc. London Zool. 19: 135, Pl. XII, Fig. 10 [n. sp., illustrated]<sup>1</sup>  
 1850 *Corethrura fuscovaria* Schaum, Allgemeine Encyklopädie Ersch und Gruber 51: 66 [Listed]<sup>1</sup>  
 1851 *Corethrura fuscovaria* Walker, List of Homopterous Insects 2: 395 [Catalogued]<sup>1</sup>  
 1859 *Corethrura fuscovaria* Dohrn, Catalogus Hemipterorum 1859: 63 [Listed]<sup>1</sup>  
 1886 *Corethrura fuscovaria* Atkinson, Jour. Asiatic Soc. Bengal 55: 43 [Described, catalogued]<sup>1</sup>  
 1906 *Corethrura fuscovaria* Distant, Fauna of British India 3: 322; Fig. 157 [Described, illustrated, catalogued]<sup>1, 2, 3</sup>  
 1915 *Corethrura fuscovaria* Melichar, Ann. Mus. Nat. Hungarici 13: 346; Fig. 4 [Described, catalogued, illustrated]<sup>1, 2, 4</sup>



1921 *Corethrura fuscovaria* Cockerell and Sandhouse, Proc. United States Nat. Mus. 59: 456 [Comparative note]<sup>2, 5</sup>

LOCALITIES: <sup>1</sup>Assam. <sup>2</sup>Burma. <sup>3</sup>British Malaya. <sup>4</sup>Perak. <sup>5</sup>Oriental Region.

*impunctata* Jacobi. See *Acothrura impunctata* Jacobi.

*iocnemis* Jacobi. See *Paracorethrura iocnemis* Jacobi.

### Genus *Pyrilla* Stål

HAPLOTYPE *Pyrilla protuberans* [n. sp.] 1859 Stål, Berliner Ent. Zeit. 3: 326

TYPE *P[yrilla] protuberans* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 347

TYPE *Pyrilla protuberans* 1928 Schmidt, Treubia 10: 132

TYPE *Pyrilla protuberans* 1930 Schmidt, Wien. Ent. Zeit. 47: 118

#### [*Microchoria* Kirby]

[HAPLOTYPE *Microchoria aberrans* [n. sp.] 1891 Kirby, Jour. Linnean Soc. Zool. 24: 147]

#### [*Zamila* Walker]

[HAPLOTYPE *Zamila lycoides* [n. sp.] 1862 Walker, Jour. Ent. 1: 304]

[TYPE *Z[amila] lycoides* 1906 Distant, Fauna of British India 3: 326]

[TYPE *Zamila lycoides* 1910 Banks, Philippine Jour. Sci. 5: 41]

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|--------------------|--|
| <i>Pyrilla</i>     | 1859 Stål, Berliner, Ent. Zeit. 3: 326 [gen. n.]   |
| <i>Zamila</i>      | 1862 Walker, Jour. Ent. 1: 304 [gen. n.]   |
| <i>Pyrilla</i>     | 1866 Stål, Hemiptera Africana 4: 200 [Listed] Equals <i>Zamila</i> Walk.                                       |
|                    | 1873 Marschall, Nomenclator Zoologicus 1873: 379 [Catalogued]  |
| <i>Zamila</i>      | 1873 Marschall, Nomenclator Zoologicus 1873: 385 [Catalogued]  |
| <i>Pyrilla</i>     | 1882 Scudder, Bull. United States Nat. Mus. 19: 273 [Listed]   |
| <i>Zamila</i>      | 1882 Scudder, Bull. United States Nat. Mus. 19: 338 [Listed]   |
| <i>Microchoria</i> | 1891 Kirby, Jour. Linnean Soc. Zool. 24: 147 [gen. n.]   |
|                    | 1902 Waterhouse, Index Zoologicus 1902: 223 [Listed]   |
|                    | 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 63 [Described, catalogued] :223 [Listed]                      |
| <i>Zamila</i>      | 1906 Distant, Fauna of British India 3: 317 [Key] :326 [Described, catalogued] Equals <i>Microchoria</i> Kirby |



- Pyrilla 1907 Distant, Ann. Soc. Ent. Belgique **51**: 220 (1)  
[Nomenclature] Equals *Zamila* Walk.
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div.  
Ent. **3**: 92 Equals *Zamila*
- 1908 Distant, Entomologist **41**: 16 Equals *Zamila*  
Walk.
- Zamila* 1910 Banks, Philippine Jour. Sci. **5**: 41 [Catalogued]
- Pyrilla 1910 Bergroth, Wien. Ent. Zeit. **29**: 239 [Comparative  
note]
- 1915 Melichar, Ann. Mus. Nat. Hungarici **13**: 347  
[Described, catalogued, key to species] Equals  
*Zamila* Walk. Equals *Microchoria* Kirby :338  
[Key]
- 1916 Distant, Fauna of British India **6**: 84 [Catalogued]  
Equals *Zamila* Walk. Equals *Microchoria* Kirby
- 1918 Fenton, Ohio Jour. Sci. **18**: 189 [Parasites]
- 1918 Pierce Proc. United States Nat. Mus. **54**: 470,  
488 [Listed]
- 1923 Fardunji, Agr. Jour. India **18**: 508 [Disease vector]
- 1923 Lefroy, Manual of Entomology **1923**: 260  
[Listed]
- 1924 Husain, Rept. Dept. Agr. Punjab 1923 **2** (2)  
:187 [Economics]
- 1925 Baker, Treubia **6**: 275 [Notes, key to species]  
:273 [Key] :284, 287 [Comparative notes]
- Zamila* 1925 Handlirsch, Schröder's Handbuch der Entomolo-  
gie **3** (17-18) :1109 [Listed]
- Pyrilla 1925 Singh-Pruthi, Trans. Ent. Soc. London **1925**:  
218 [Comparative note]
- Zamila* 1927 Martynov, Bull. Acad. Sci. URSS **20**: 1356 [Com-  
parative note]
- Pyrilla 1928 Fletcher, Sci. Rept. Agr. Res. Inst. Pusa **1926-27**:  
56 [Listed]
- 1928 Isaac, Sci. Rept. Agr. Res. Inst. Pusa **1927-28**:  
72 [Economics]
- 1928 Schmidt, Treubia **10**: 132 [Catalogued]
- 1929 Husain, Rept. Dept. Agr. Punjab 1928 **1** (2):  
61 [Economics]
- 1930 Husain, Rept. Dept. Agr. Punjab **1929** (1): 57  
[Economics]
- 1930 Muir, Ann. Mag. Nat. Hist. (10) **6**: 478 [Key]
- 1930 Schmidt, Wien. Ent. Zeit. **47**: 118 [Catalogued]



- Microchoria* 1931 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (15) :2079 [Catalogued]
- Pyrilla* 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 121; Fig. 201 [Illustrated]  
 1933 Francis, Jour. Madras Agr. 21: 511 [Listed]  
 1935 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (21) :2981 [Catalogued]  
 1936 Isaac, Sci. Rept. Imp. Agr. Res. Inst. Pusa 1933-34: 169 [Economics]  
 1936 Singh-Pruthi, Sci. Rept. Imp. Agr. Res. Inst. Pusa 1934-35: 144 [Listed]  
 1937 Anonymous, Rept. Dept. Agr. Punjab 1935-36: 52 [Economics]  
 1937 Singh-Pruthi, Sci. Rept. Imp. Agr. Res. Inst. New Delhi 1935-36: 124 [Parasites, predators]  
 1938 Gupta, Bull. Dept. Agr. United Provinces 73: 3 [Economics]  
 1939 Anonymous, Rept. Dept. Agr. Punjab 1937-38: 45 [Economics]  
 1940 Gupta, Curr. Sci. 9 (3) :132 [Parasites]  
 1940 Kato, Ent. World 8: 79 (13) [Parasites]  
 1940 Mathur and Gupta, Proc. Ann. Conv. Sugar Techn. Assoc. India 9: 2 [Economics]  
 1940 Neave, Nomenclator Zoologicus 3: 1059 [Catalogued]
- Microchoria* 1940 Neave, Nomenclator Zoologicus 3: 151 [Catalogued]
- Zamila* 1940 Neave, Nomenclator Zoologicus 4: 690 [Catalogued]
- Pyrilla* 1941 Bohart, Publ. Ent. Univ. California 7: 106 [Zoogeography, parasites]  
 1941 Mathur, Proc. Ann. Conv. Sugar Techn. Assoc. India 10: 35 [Economics]  
 1942 Anwar, Indian Jour. Ent. 4: 234 [Ecology, parasites]  
 1942 Muliylil and Lakshmanan, Indian Jour. Ent. 4: 221-223 [Egg parasites]  
 1942 Qadri and Aziz, Indian Jour. Agr. Sci. 12: 883 [Notes on species from India]  
 1942 Vevai, Indian Jour. Ent. 4: 235 [Parasites]  
 1944 Metcalf, A Bibliography of the Homoptera 2: 138, 146 [Bibliography]



- 1944 Thompson, Catalogue of parasites 1944: 97 [Parasites]  
 1947 Gupta, Indian Sugar 10: 69 [Economics]  
 1948 Gupta, Proc. Sugar Technol. Assoc. India 17: 24-50 [Economics, parasites]  
 1950 Khanna, Sharma, and Hussain, Curr. Sei. 19: 251 (2); Figs. 1-3 [Varietal resistance, illustrated]  
 1950 Qadri and Aziz, Publ. Aligarh Muslim Univ. (Zool. Ser.) 2: 2 [List of species]  
 1951 Gupta and Avasthi, Proc. Conf. Sugarcane Res. Workers Indian Union 1 (2): 24 (1) [Economics]  
 1954 Brues, Melander, and Carpenter, Bull. Mus. Comp. Zool. Harvard Coll. 108: 155; Fig. 238 [Illustrated]  
 1954 Müller, Beitr. Ent. 4: 30 [Dimorphism]

*aberrans*. Typographical error for *Pyrilla aberrans* Kirby.

**aberrans** Kirby

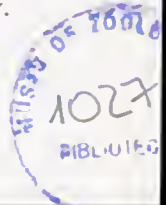
- 1891 *Microchoria aberrans* Kirby, Jour. Linnæan Soc. 24: 148; Pl. V, Fig. 10 [n. sp., illustrated]<sup>1</sup>  
 1900 *Dictyophara pallida* [nec Donovan] Alcock, Indian Mus. Notes 5: 43; Pl. V, Figs. 1-6 [Economics, illustrated]<sup>9, 13</sup>  
 1903 *Microchoria aberrans* Meliehar, Homopteren-Fauna von Ceylon 1903: 63; Pl. II, Figs. 13, 13a [Described, catalogued, illustrated]<sup>1</sup> :223 [Listed]  
 1903 *Dictyophara pallida* [nec Donovan] de Nicéville, Indian Mus. Notes 5: 164 [Economics]<sup>2, 3, 8</sup>  
 1903 *Dictyophara pallida* [nec Donovan] Stebbing, Indian Mus. Notes 5: 86 [Economics]<sup>9, 14</sup>  
 1906 *Zamila aberrans* Distant, Fauna of British India 3: 326; Fig. 161 [Described, illustrated, catalogued]<sup>1</sup> Equals *Microchoria aberrans* Kirby  
 1906 *Dictyophara pallida* [nec Donovan] Distant, Fauna of British India 3: 243 [Described]<sup>1, 2, 10, 12, 13, 14, 15, 16, 17</sup> :244, 245 [Comparative notes]  
 1907 *Pyrilla aberrans* Distant, Ann. Soc. Ent. Belgique 51: 220 (1) [Nomenclature]  
 1907 *Pyrilla aberrans* Kirkaldy, Ann. Soc. Ent. Belgique 51: 123 (3) [Notes, economics, catalogued]<sup>2</sup> Equals *Zamila aberrans* Dist. Equals *Dictyophara pallida* Alc. (nec Don.) Equals *Microchoria aberrans* Kirby  
 1907 *Z[amila] aberrans* Kirkaldy, Ann. Soc. Ent. Belgique 51: 300 [Notes]



- 1907 *Zamila aberrans* Kirkaldy, Entomologist 40: 283 [Food plants, notes]<sup>18</sup>
- 1909 *Pyrilla aberrans* Lefroy and Howlett, Indian Insect Life 1909: 723; Fig. 497 [Notes, nymph illustrated]<sup>2</sup> :727; Fig. 500 [Economics, illustrated]<sup>2</sup> :723, 727 Equals *Zamila [aberrans]* :727 Equals [*Pyrilla*] *lycoides* Walk. [error] Equals *Dictyophara pallida* (nec Don.)
- 1910 *Zamila aberrans* Banks, Philippine Jour. Sci. 5: 38 [Comparative note].
- 1912 *Pyrilla aberrans* Mason, Mem. Dept. Agr. India Ent. Ser. 3: 344 [Predators]<sup>2</sup>
- 1913 *Pyrilla aberrans* Quaintance, Proc. Ent. Soc. Washington 15: 61 [Listed]<sup>2</sup>
- 1914 *Pyrilla aberrans* Fletcher, Rept. Agr. Res. Inst. and Coll. Pusa 1913-14: 67 [Economics]<sup>2</sup>
- 1915 *Pyrilla aberrans* Melichar, Ann. Mus. Nat. Hungarici 13: 349; Fig. 5 [Described, catalogued, illustrated]<sup>1</sup> Equals *Microchoria* [sic] *aberrans* Kirby Equals *Zamila aberrans* Melichar :348 [Key]<sup>1</sup>
- 1916 *Pyrilla aberrans* Distant, Fauna of British India 6: 85 [Food plants]<sup>3, 9</sup> Equals *Zamila aberrans*
- 1916 *Pyrilla aberrans* Fletcher, Bull. Agr. Res. Inst. Pusa 59: 38 [Economics]<sup>2</sup> Equals *Zamila [aberrans]* Walk.]
- 1916 *Pyrilla aberrans* Fletcher, Ann. Rept. Bd. Sci. Ad. India 1914-1915: 149 [Economics]<sup>2, 3</sup>
- 1916 *Pyrilla aberrans* Fletcher, Rept. Agr. Res. Inst. and Coll. Pusa 1914-15: 62 [Economics]<sup>2, 3</sup>
- 1917 *Pyrilla aberrans* Fletcher, Rept. Agr. Res. Inst. and Coll. Pusa 1915-16: 62 [Listed]<sup>2</sup>
- 1917 *Pyrilla aberrans* Misra, Mem. Dept. Agr. India Ent. Ser. 5: 73-136; Pls. X-XIX; Text Figs. 1-17 [Economics, life history notes, illustrated]<sup>3, 4, 5, 6, 7, 9, 10, 11</sup> :78 [Described] Equals *Zamila aberrans* Kirby :75 Equals *Dictyophara pallida* [nec] Don.
- 1917 *Pyrilla aberrans* Pierce, Manual of Dangerous Insects 1917: 206; Fig. 99 [Food plants, illustrated]<sup>2</sup>
- 1918 *Pyrilla aberrans* Burt, Rept. Cawnpore Agr. Sta. 1916: 41 [Economics, parasites]<sup>5</sup>
- 1918 *Pyrilla aberrans* Fenton, Ohio Jour. Sci. 18: 189 [Parasites]<sup>2</sup>
- 1918 *Pyrilla aberrans* Pierce, Proc. United States Nat. Mus. 54: 488 [Parasites, food plants]<sup>2, 3</sup>
- 1918 *Pyrilla aberrans* Speyer, Adm. Rept. Ceylon Dept. Agr. 1917 C11 [Food plants]<sup>1</sup>



- 1920 *Pyrilla aberrans* Fletcher, Rept. Ent. Meeting Pusa 3 (1) :269 [Food plants, catalogued]<sup>3, 5, 10, 11</sup> Equals *Zamila [aberrans* Dist.]
- 1923 *Pyrilla aberrans* Lefroy, Manual of Entomology 1923: 260; Fig. 72 [Nymph illustrated]
- 1923 *Pyrella* [sic] *aberrans* Muir, Proc. Hawaiian Ent. Soc. 5: 239; Pl. V, Figs. 15, 17 [Male genitalia illustrated]
- 1925 *Pyrilla aberrans* Baker, Treubia 6: 276 [Key] :277 [Listed]<sup>1</sup>
- 1927 *Pyrilla aberrans* Chopra, Rept. Dept. Agr. Punjab 1 (2) :88 [Life history, notes]<sup>6</sup>
- 1932 *P[yrilla]* *aberrans* Fletcher, Sci. Rept. Agr. Res. Inst. Pusa 1930-31: 87 [Life history, economics]<sup>2</sup>
- 1933 *Pyrilla aberrans* Chatterjee, Indian For. Rec. 18 (8) :1 [Listed]<sup>2</sup>
- 1934 *Pyrilla aberrans* Pemberton, Proc. Assoc. Hawaiian Sugar Tech. 1934: 9 [Economics]<sup>2</sup>
- 1935 *Pyrilla aberrans* Isaac and Misra, Agr. Live-stock India 3: 315; Pl. XVII, Figs. 4, 5 [Economics, illustrated]<sup>2, 3</sup>
- 1937 [*Pyrilla aberrans*] Anonymous, Rept. Dept. Agr. Punjab 1935-36: 52 [Economics]<sup>2</sup>
- 1937 *Pyrilla aberrans* Singh-Pruthi, Sci. Rept. Imp. Agr. Res. Inst. New Delhi 1935-36: 124 [Economics]<sup>2</sup>
- 1937 *Pyrilla aberrans* Singh-Pruthi, Indian Jour. Agr. Sci. 7: 511; Pl. XLIV, Figs. 3-4; Pl. XLVI, Figs. 1a-d, 2a-c [Taxonomy, illustrated]<sup>1</sup>
- 1937 *Pyrilla aberrans* Singh-Pruthi, Sci. Rept. Imp. Agr. Res. Inst. New Delhi 1936-37: 160 [Listed]
- 1939 *Pyrilla aberrans* Lindberg, Acta Zool. Fennica 22: 15 [Listed]
- 1939 *Pyrilla aberrans* de Seabra, Arq. Secc. Biol. e Par. 3: 95 [Economics]
- 1940 *Pyrilla aberrans* Clausen, Entomophagous Insects 1940: 514 [Parasites]
- 1940 *Pyrilla aberrans* Ghosh, Insect pests of Burma 1940: 87; Text fig. 41 [Economics, illustrated]<sup>2, 12</sup>
- 1942 *P[yrilla]* *aberrans* Qadri and Aziz, Indian Jour. Agr. Sci. 12: 883-888; Figs. 1-6 [Notes, illustrated]<sup>1</sup>
- 1943 *Pyrilla aberrans* Bohart, Ann. Ent. Soc. America 36: 356 [Parasites]<sup>2, 3</sup>
- 1944 *Pyrilla aberrans* Thompson, Catalogue of parasites 1944: 97 [Parasites]<sup>2</sup>
- 1946 *Pyrilla aberrans* Trehan and Pingle, Jour. Bombay Nat. Hist. Soc. 46: 140 [Economics]<sup>10</sup>
- 1950 *P[yrilla]* *aberrans* Qadri and Aziz, Publ. Aligarh Muslim Univ. (Zool. Ser.) 2: 2 [Listed]





- 1951 *Pyrilla aberans* [sic] Khanna and Agarwala, Proc. Conf. Sugar-cane Res. Workers Indian Union 1: 54 [Control]<sup>3</sup>  
 1951 *Pyrilla aberrans* Wade, Mem. Int. Soc. Sugar Cane Techn. 1: 48 [Food plants, catalogued]  
 1951 *Dictyophora pallida* [nec Don.] Wade, Mem. Int. Soc. Sugar Cane Techn. 1: 21 [Food plants]  
 1953 *Pyrilla aberrans* Bakkendorf, Ent. Medd. 26: 571 [Parasites]  
 1953 *Pyrilla aberrans* Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>1, 2</sup> Equals *Microchoria [aberrans Kirby]* Equals *Zamila [aberrans Kirby]*

LOCALITIES: <sup>1</sup>Ceylon. <sup>2</sup>India. <sup>3</sup>Bihar. <sup>4</sup>Orissa. <sup>5</sup>United Provinces. <sup>6</sup>Punjab. <sup>7</sup>Central Provinces. <sup>8</sup>Uttar Pradesh. <sup>9</sup>Southern India. <sup>10</sup>Bombay. <sup>11</sup>Mysore. <sup>12</sup>Burma. <sup>13</sup>Madras. <sup>14</sup>Bengal. <sup>15</sup>Borneo. <sup>16</sup>Sikkim. <sup>17</sup>Tenasserim. <sup>18</sup>Oriental Region.

### *lycoides* Walker

- 1862 *Zamila lycoides* Walker, Jour. Ent. 1: 305; Pl. XV, Fig. 3 [Fig. 2] [n. sp., illustrated]<sup>1</sup>  
 1906 *Zamila lycoides* Distant, Fauna of British India 3: 326 [Described, catalogued]<sup>1, 2</sup>  
 1909 [*Pyrilla*] *lycoides* Lefroy and Howlett, Indian Insect Life 1909: 727 To *Pyrilla aberrans* Walk. [error]  
 1914 [*Pyrilla*] *lycoides* Distant, Ann. Mag. Nat. Hist. (8) 14: 326 [Comparative note]<sup>1</sup>  
 1914 *Zamila lycoides* Melichar, Notes Leyden Mus. 36: 104 [Catalogued]  
 1915 *Pyrilla lycoides* Melichar, Ann. Mus. Nat. Hungarici 13: 348 [Described, key, catalogued]<sup>1, 2</sup> Equals *Zamila lycoides* Walk.  
 1916 [*Pyrilla*] *lycoides* Distant, Fauna of British India 6: 84 [Comparative note] :85 [Listed]<sup>1</sup>  
 1916 [*Pyrilla*] *lycoides* Fletcher, Bull. Agr. Res. Inst. Pusa 59: 38 [Listed]<sup>1</sup>  
 1917 *Pyrilla lycoides* Misra, Mem. Dept. Agr. India Ent. Ser. 5: 75, 77 [Comparative note]  
 1925 *Pyrilla lycoides* Baker, Treubia 6: 276 [Key] :277 [Notes, comparative note]<sup>3</sup>  
 1942 [*Pyrilla*] *lycoides* Qadri and Aziz, Indian Jour. Agr. Sci. 12: 883 [Listed]  
 1950 [*Pyrilla*] *lycoides* Qadri and Aziz, Publ. Aligarh Muslim Univ (Zool. Ser.) 2: 2 [Listed]

LOCALITIES: <sup>1</sup>Siam. <sup>2</sup>India. <sup>3</sup>Travancore.

*lycoides* Distant [nec Walker]. See *Pyrilla pusana* Distant.



*perpusilla* Walker

- 1851 *Pyrops perpusilla* Walker, List of Homopterous Insects 2: 269 [n. sp.]<sup>1</sup>
- 1859 *Pyrops perpusillus* Dohrn, Catalogus Hemipterorum 1859: 57 [Listed]<sup>2</sup>
- 1885 *Pyrops perpusilla* Atkinson, Jour. Asiatic Soc. Bengal 54: 140 [Described, catalogued]<sup>1</sup>
- 1893 *Pyrops perpusilla* Distant, Trans. Ent. Soc. London 1893: 444 [Key] :447 [Catalogued]<sup>1</sup>
- 1906 *Zamila perpusilla* Distant, Fauna of British India 3: 327 [Described, catalogued]<sup>1</sup> Equals *Pyrops* [*perpusilla* Walk.]
- 1907 *P[yrilla] perpusilla* Distant, Ann. Soc. Ent. Belgique 51: 220 (1) [Nomenclature]
- 1910 *Zamila perpusilla* Banks, Philippine Jour. Sci. 5: 41 [Catalogued]<sup>2, 3</sup> Equals *Pyrops perpusilla* Walk.
- 1914 *Pyrilla perpusilla* Fletcher, Some South Indian Insects 1914: 493; Fig. 381 [Economics, illustrated]<sup>4</sup> Equals *Pyrops perpusilla* Walk. Equals *Zamila perpusilla* Distant Equals *Pyrilla aberrans* Lefroy Equals *Dictyophara pallida* Dist. (nec. Don.)
- 1915 *Pyrilla perpusilla* Melichar, Ann. Mus. Nat. Hungarici 13: 349 [Described, catalogued]<sup>1</sup> Equals *Pyrops perpusilla* Walk. Equals *Zamila perpusilla* Distant :348 [Key]<sup>1</sup>
- 1916 *Pyrilla perpusilla* Distant, Fauna of British India 6: 85 [Listed]<sup>5</sup> Equals *Zamila perpusilla*
- 1916 *Pyrilla perpusilla* Fletcher, Bull. Agr. Res. Inst. Pusa 59: 38 [Economics]<sup>2</sup> Equals *Dictyophara pallida* (nec. Don.)
- 1916 *Pyrilla perpusilla* Fletcher, Ann. Rept. Bd. Sci. Ad. India 1914-1915: 149 [Food plants]<sup>2, 5</sup>
- 1916 *Pyrilla perpusilla* Fletcher, Rept. Agr. Res. Inst. and Coll. Pusa 1914-15: 62 [Food plants]<sup>2, 5</sup>
- 1917 *Pyrilla perpusilla* Misra, Mem. Dept. Agr. India Ent. Ser. 5: 78 [Described] :77, 78 Equals *Zamila perpusilla* Walk. :75, 76, 77 [Listed]
- 1918 *Pyrilla perpusilla* Fenton, Ohio Jour. Sci. 18: 189 [Parasites]<sup>2</sup>
- 1920 *Pyrilla perpusilla* Fletcher, Rept. Ent. Meeting Pusa 3 (1) :269 [Food plants, catalogued]<sup>5, 8, 9, 12</sup> Equals *Zamila* [*perpusilla* Dist.]
- 1921 *Pyrilla perpusilla* Pillai, Bull. Travancore Dept. Agr. 1921: 46 [Economics]<sup>6</sup>
- 1925 *Pyrilla perpusilla* Baker, Treubia 6: 276 [Key] :277 [Notes]<sup>3, 7, 8, 9</sup>



- 1925 *Pyrilla perpusilla* (?) Singh-Pruthi, Trans. Ent. Soc. London 1925: 218; Pl. XXVIII, Fig. 233 [ $\sigma$  genitalia, illustrated]
- 1927 *P[yrilla] perpusilla* Chopra, Rept. Dept. Agr. Punjab 1 (2) :88 [Life history, notes]<sup>10</sup>
- 1929 *Pyrilla perpusilla* Husain, Rept. Dept. Agr. Punjab 1928 1 (2) :61 [Life history, parasites]<sup>10</sup>
- 1932 *P[yrilla] perpusilla* Fletcher, Sci. Rept. Agr. Res. Inst. Pusa 1930-31: 87 [Economics]<sup>5</sup>
- 1934 *Pyrilla perpusilla* Pemberton, Proc. Assoc. Hawaiian Sugar Tech. 1934: 9 [Economics]<sup>2</sup>
- 1935 *Pyrilla perpusilla* Isaac and Misra, Agr. Live-stock India 3: 316 [Economics]<sup>2, 5</sup>
- 1937 *Pyrilla perpusilla* Singh-Pruthi, Indian Jour. Agr. Sci. 7: 511; Pl. XLIV, Figs. 1-2; Pl. XLV, Figs. 1a-d [Economics, taxonomy, illustrated]<sup>2</sup>
- 1937 *Pyrilla perpusilla* Singh-Pruthi, Sci. Rept. Imp. Agr. Res. Inst. New Delhi 1935-36: 124 [Economics]<sup>2</sup>
- 1938 *Pyrilla perpusilla* Anandan, Jour. Madras Agr. 26: 54 [Economics, parasites]<sup>8</sup>
- 1939 *Pyrilla perpusilla* de Seabra, Arq. Secc. Biol. e Par. 3: 95 [Economics]
- 1940 *Pyrilla perpusilla* Ayyar, Handbook of economic entomology for South India 1940: 144, 195; Fig. 128IV [Economics, illustrated]<sup>12</sup> :476 [Food plants]<sup>2</sup>
- 1940 *Pyrilla perpusilla* Rahman, Proc. Indian Acad. Sci. 12: 69 [Predators]<sup>2</sup>
- 1940 *Pyrilla perpusilla* Rahman and Nath, Bull. Ent. Res. 31: 179; Pl. VI; Text Fig. 1 [Economics, life history, illustrated]<sup>5, 6, 7, 8, 10, 11, 13, 14, 15</sup>
- 1941 *Pyrilla perpusilla* Rahman, Indian Jour. Agr. Sci. 11: 121, 122, 125, 126 [Parasites]<sup>2</sup>
- 1942 *P[yrilla] perpusilla* Qadri and Aziz, Indian Jour. Agr. Sci. 12: 883-888; Figs. 1-6 [Notes, illustrated]<sup>2, 4, 5, 9, 10, 15, 16, 17</sup>
- 1943 *P[yrilla] perpusilla* Bohart, Ann. Ent. Soc. America 36: 356 [Parasites]<sup>2, 5</sup>
- 1944 *Pyrilla perpusilla* Thompson, Catalogue of parasites 1944: 97 [Parasites]<sup>2</sup>
- 1948 *Pyrilla perpusilla* Gupta, Indian Farm. 9: 401 [Life history notes, control]<sup>13</sup>
- 1949 *Pyrilla perpusilla* Qadri, Jour. Zool. Soc. India 1: 135; Text figs. 4g-i, 5a-h, 6a, 7a [Morphology of  $\sigma$  genitalia, illustrated]
- 1950 *Pyrilla perpusilla* Qadri and Aziz, Publ. Aligarh Muslim Univ.



- (Zool. Ser.) 2: 1-33; Pls. I-VII; Pl. 1 [Biology, life history, external morphology, internal morphology, illustrated]<sup>2</sup>
- 1951 *Pyrilla perpusilla* Wade, Mem. Int. Soc. Sugar Cane Techn. 1: 48 [Food plants, catalogued]
- 1952 *Pyrilla perpusilla* Gupta, Proc. Sugar Technol. Assoc. India 21: 144-147 [Economics]<sup>2, 13</sup>
- 1953 [*Pyrilla*] *perpusilla* Box, List of sugar-cane insects 1953: 43 [Parasites, food plants]<sup>2</sup>
- 1954 *Pyrilla perpusilla* Müller, Beitr. Ent. 4: 29, 53 [Dimorphism]
- LOCALITIES: <sup>1</sup>Bengal. <sup>2</sup>India. <sup>3</sup>Palawan. <sup>4</sup>Southern India. <sup>5</sup>Bihar. <sup>6</sup>Travancore. <sup>7</sup>Northern Bengal. <sup>8</sup>Madras. <sup>9</sup>Uttar Pradesh. <sup>10</sup>Punjab. <sup>11</sup>Central Provinces. <sup>12</sup>Southern India. <sup>13</sup>United Provinces. <sup>14</sup>Orissa. <sup>15</sup>Bombay. <sup>16</sup>Bhopal. <sup>17</sup>Central India.

### protuberans Stål

- 1859 *P[yrilla] protuberans* Stål, Berliner Ent. Zeit. 3: 327 [n. sp.]<sup>1</sup>
- 1893 *Pyrilla protuberans* Kolbe, Einführung in die Kenntnis der Insekten 1893: 142 [Notes]<sup>1</sup>
- 1914 *Zamila lycoides* [nec Walker] Meliehar, Notes Leyden Mus. 36: 104 [Listed]<sup>1</sup>
- 1915 *Pyrilla protuberans* Meliehar, Ann. Mus. Nat. Hungarici 13: 348 [Described, key, catalogued]<sup>1</sup> Equals *Zamila lycoides* Mel. [nec Walk.] 349 [Comparative note]
- 1925 *Pyrilla protuberans* Baker, Treubia 6: 276 [Key] :277; Pl. II, Figs. 3a-e [Notes, illustrated]<sup>2</sup>
- 1928 *Pyrilla protuberans* Schmidt, Treubia 10: 132 [Catalogued]<sup>1</sup>
- 1930 [*Pyrilla protuberans*] Schmidt, Wien. Ent. Zeit. 47: 118 [Catalogued]<sup>1</sup>
- 1942 *P[yrilla] protuberans* Qadri and Aziz, Indian Jour. Agr. Sci. 12: 883 [Listed]
- 1950 *P[yrilla] protuberans* Qadri and Aziz, Publ. Aligarh Muslim Univ. (Zool. Ser.) 2: 2 [Listed]
- LOCALITIES: <sup>1</sup>Java. <sup>2</sup>Borneo.

### pusana Distant

- 1907 *P[yrilla] lycoides* [nec Walker] Distant, Ann. Soc. Ent. Belgique 51: 220 (1) [Food plants]<sup>1</sup>
- 1914 *Pyrilla pusana* Distant, Ann. Mag. Nat. Hist. (8) 14: 326 [n. sp.]<sup>2</sup>
- 1916 *Pyrilla pusana* Distant, Fauna of British India 6: 84 [Described, catalogued]<sup>2, 3</sup> Equals *Pyrilla lycoides* Dist. (nec Walk.)
- 1916 *P[yrilla] pusana* Fleteher, Bull. Agr. Res. Inst. Pusa 59: 38 [Economics]<sup>1</sup>



- 1916 *Pyrilla pusana* Fletcher, Ann. Rept. Bd. Sci. Ad. India 1914-1915: 149 [Food plants]<sup>1, 2</sup>
- 1916 *Pyrilla pusana* Fletcher, Rept. Agr. Res. Inst. and Coll. Pusa 1914-15: 62 [Food plants]<sup>1, 2</sup>
- 1917 *Pyrilla pusana* Misra, Mem. Dept. Agr. India Ent. Ser. 5: 76, 78 [Described]<sup>2</sup>
- 1918 *Pyrilla pusana* Fenton, Ohio Jour. Sci. 18: 189 [Parasites]<sup>1</sup>
- 1918 *Pyrilla pusana* Pierce, Proc. United States Nat. Mus. 54: 488 [Food plants]<sup>1, 2</sup>
- 1920 *Pyrilla pusana* Fletcher, Rept. Ent. Meeting Pusa 3 (1) :269 [Food plants, catalogued]<sup>2, 3, 4, 7</sup>
- 1925 *Pyrilla pusana* Baker, Treubia 6: 275 [Note]
- 1932 *Pyrilla pusana* Fletcher, Sci. Rept. Agr. Res. Inst. Pusa 1930-31: 87 [Life history]<sup>1</sup>
- 1934 *Pyrilla pusana* Pemberton, Proc. Assoc. Hawaiian Sugar Tech. 1934: 9 [Economics]<sup>1</sup>
- 1935 *Pyrilla pusana* Isaac and Misra, Agr. Live stock India 3: 316 [Economics]<sup>1, 2</sup>
- 1937 *Pyrilla pusana* Singh-Pruthi, Sci. Rept. Imp. Agr. Res. Inst. New Delhi 1935-36: 124 [Economics]<sup>1</sup>
- 1937 *Pyrilla pusana* Singh-Pruthi, Indian Jour. Agr. Sci. 7: 511; Pl. XLIV, Figs. 5-6; Pl. XLV, Figs. 2a-d [Economics, taxonomy, illustrated]<sup>1</sup>
- 1937 *Pyrilla pusana* Singh-Pruthi, Sci. Rept. Imp. Agr. Res. Inst. New Delhi 1936-37: 160 [Listed]
- 1942 *P[yrilla] pusana* Qadri and Aziz, Indian Jour. Agr. Sci. 12: 883-888; Figs. 1-6 [Notes, illustrated]<sup>1, 5</sup>
- 1944 *Pyrilla pusana* Thompson, Catalogue of parasites 1944: 97 [Parasites]<sup>1</sup>
- 1948 *Pyrilla pusana* Gupta, Indian Farm. 9: 401 [Life history notes, control]<sup>6</sup>
- 1950 *P[yrilla] pusana* Qadri and Aziz, Publ. Aligarh Muslim Univ. (Zool. Ser.) 2: 2 [Listed]<sup>1</sup>
- 1951 *Pyrilla pusana* Wade, Mem. Int. Soc. Sugar Cane Techn. 1: 48 [Food plants, catalogued]
- 1953 [*Pyrilla*] *pusana* Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>1</sup>

LOCALITIES: <sup>1</sup>India. <sup>2</sup>Bihar. <sup>3</sup>Upper Burma. <sup>4</sup>Madhya Pradesh. <sup>5</sup>Bengal. <sup>6</sup>United Provinces. <sup>7</sup>Bombay.

#### *sumatrensis* Baker

- 1925 *Pyrilla sumatrensis* Baker, Treubia 6: 276; Pl. II, Figs. 1a-d, 2a-c [n. sp., key, illustrated]<sup>1</sup>



1942 *P[yrilla] sumatrensis* Qadri and Aziz, Indian Jour. Agr. Sci. 12: 883 [Listed]

1950 *P[yrilla] sumatrensis* Qadri and Aziz, Publ. Aligarh Muslim Univ. (Zool. Ser.) 2: 2 [Listed]

LOCALITIES: <sup>1</sup>Sumatra.

### Genus *Ridesa* Schumacher

HAPLOTYPE *Ridesa tortriciformis* [n. sp.] 1915 Schumacher, Suppl. Ent. 4: 133

- Ridesa* 1915 Schumacher, Suppl. Ent. 4: 133 [gen. n.]  
1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 117 [Listed]  
1936 Schulze, Kükenthal and Heider, Nomenclator Animalium 5 (22) :3064 [Catalogued]  
1940 Neave, Nomenclator Zoologicus 4: 74 [Catalogued]

#### *tortriciformis* Schumacher

- 1915 *Ridesa tortriciformis* Schumacher, Suppl. Ent. 4: 133 [n. sp.]<sup>1</sup>  
1915 *Ridesa tortriciformis* Schumacher, Mitt. Zool. Mus. Berlin 8: 117 [Listed]<sup>1</sup>

LOCALITIES: <sup>1</sup>Formosa

### Genus *Asantorga* Melichar

ORTHOTYPE *A[santorga] tuberculata* [n. sp.] 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 350

- Asantorga* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 350<sup>0</sup> [gen. n.] :338 [Key]  
1925 Baker, Treubia 6: 287 [Comparative note]  
1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (2) :289 [Catalogued]  
1939 Neave, Nomenclator Zoologicus 1: 311 [Catalogued]

#### *tuberculata* Melichar

- 1915 *Asantorga tuberculata* Melichar, Ann. Mus. Nat. Hungarici 13: 351; Fig. 7 [n. sp., illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup>Amboina

### Genus *Paracorethrura* Melichar

ORTHOTYPE *P[aracorethrura] iocnemis* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 352



- Paracorethrura 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 352  
[gen. n.] :338 [Key] :353 [Comparative note]  
1933 Schulze, Kükenthal and Heider, Nomenclator  
Animalium 4 (18) :2488 [Catalogued] Equals  
*Paracorethrusa* [sic] Sharp  
*Paracorethrusa* 1933 Schulze, Kükenthal and Heider, Nomenclator  
[sic] Animalium 4 (18) :2488 [Catalogued]  
Paracorethrura 1940 Neave, Nomenclator Zoologicus 3: 561 [Cata-  
logued]

*ioenemis* Jacobi

- 1905 *Corethrura ioenemis* Jacobi, Zool. Jahrb. Syst. 21: 437; Pl. 21,  
Figs. 6, 6a [n. sp., illustrated]<sup>1</sup> :439 [Comparative note]  
1915 *Paracorethrura ioenemis* Melichar, Ann. Mus. Nat. Hungarici  
13: 352; Fig. 8 [Described, catalogued, illustrated]<sup>1</sup> Equals  
*Corethrura ioenemis* Jac.

LOCALITIES: 'TONKIN

Genus *Acothrura* MelicharORTHOTYPE *A[cothrura] impunctata* 1915 Melichar, Ann. Mus. Nat.  
Hungarici 13: 353

- Acothrura* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 353  
[gen. n.] :338 [Key]  
1925 Baker, Treubia 6: 283 [Comparative notes]  
1926 Schulze, Kükenthal and Heider, Nomenclator  
Animalium 1 (1) :35 [Catalogued]  
1939 Neave, Nomenclator Zoologicus 1: 39 [Cata-  
logued]

*impunctata* Jacobi

- 1905 *Corethrura impunctata* Jacobi, Zool. Jahrb. Syst. 21: 438; Pl.  
21, Figs. 7, 7a-b [n. sp., illustrated]<sup>1</sup>  
1915 *Acothrura impunctata* Melichar, Ann. Mus. Nat. Hungarici 13:  
353; Fig. 9 [Described, catalogued, illustrated]<sup>1</sup> Equals *Corethrura*  
*impunctata* Jac.

LOCALITIES: 'TONKIN

Genus *Lacusa* StålHAPLOTYPE *Elasmoscelis* (?) *fuscofasciata* 1862 Stål, Berliner Ent.  
Zeit. 6: 309TYPE *L[acusa] fuscofasciata* 1906 Distant, Fauna of British India 3:  
323



TYPE *L[acusa] fuscofasciata* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 354

- Lacusa* 1862 Stål, Berliner Ent. Zeit. 6: 309 [gen. n.]  
 1866 Stål, Hemiptera Africana 4: 199 [Key]  
 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 752 [Comparative note]  
 1873 Marschall, Nomenclator Zoologicus 1873: 368 [Catalogued]  
 1882 Scudder, Bull. United States Nat. Mus. 19: 166 [Listed]  
 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 42 [Described, catalogued]  
 1889 Ashmead, Ent. Americana 5: 6 [Key]  
 1905 Jacobi, Zool. Jahrb. Syst. 21: 438 [Comparative note]  
 1906 Distant, Fauna of British India 3: 323 [Described, catalogued] 317 [Key]  
 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 338 [Key] 354 [Described, catalogued]  
 1925 Handlirsch, Schröder's Handbuch der Entomologie 3 (17-18) :1109 [Listed]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13) :1746 [Catalogued]  
 1939 Neave, Nomenclator Zoologicus 2: 847 [Catalogued]

*fuscofasciata* Stål

- 1854 *E[lasmoscelis]* (?) *fuscofasciata* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 248 [n. sp.]<sup>1</sup>  
 1858 *Cixius eminens* Walker, Insecta Saundersiana 1858: 42 [n. sp.]<sup>2</sup>  
 1858 *Elasmoscelis* (?) *fuscofasciata* Walker, List of Homopterous Insects. Supplement 1858: 331 [Catalogued]<sup>2</sup>  
 1859 *Elasmoscelis fuscofasciata* Dohrn, Catalogus Hemipterorum 1859: 65 [Listed]<sup>1</sup>  
 1862 *Lacusa fuscofasciata* Stål, Berliner Ent. Zeit. 6: 309 [Described, catalogued]<sup>1</sup> Equals *Elasmoscelis* (?) *fuscofasciata* Stål  
 1886 *Lacusa fuscofasciata* Atkinson, Jour. Asiatic Soc. Bengal 55: 42 [Described, catalogued]<sup>1</sup> Equals *Elasmoscelis* (?) *fuscofasciata* Stål Equals *Cixius eminens* Walk.  
 1906 *Lacusa fuscofasciata* Distant, Fauna of British India 3: 324; Fig. 159 [Described, illustrated, catalogued]<sup>2, 3</sup> Equals *Elasmoscelis* (?) *fuscofasciata* Stål Equals *Cixius eminens* Walk.



- 1915 *Lacusa fuscofasciata* Melichar, Ann. Mus. Nat. Hungarici 13: 355; Fig. 10 [Described, catalogued, illustrated]<sup>2, 3</sup> Equals *Elasmoscelis* (?) *fuscofasciata* Stål Equals *Cixius emineus* [sic] Walk.

LOCALITIES: <sup>1</sup>India. <sup>2</sup>Hindustan. <sup>3</sup>Burma.

### Genus *Sarebasa* Distant

ORTHOTYPE *Sarebasa celebris* [n. sp.] 1909 Distant, Rec. Indian Mus. 3: 169

TYPE *S*[*arebasa*] *celebris* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 369

- Sarebasa* 1909 Distant, Rec. Indian Mus. 3: 169 [gen. n.]  
 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 369 [Described, catalogued] :356 [Key]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1936 Schulze, Kükenthal and Heider, Nomenclator Animalium 5 (22) :3102 [Catalogued]  
 1940 Neave, Nomenclator Zoologicus 4: 112 [Catalogued]

#### *celebris* Distant

1909 *Sarebasa celebris* Distant, Rec. Indian Mus. 3: 170; Pl. XI, Figs. 11, 11a [n. sp., illustrated]<sup>1</sup>

1915 *Sarebasa celebris* Melichar, Ann. Mus. Nat. Hungarici 13: 370; Fig. 16 [Described, catalogued, illustrated]<sup>1, 2</sup>

LOCALITIES: <sup>1</sup>Malay Peninsula. <sup>2</sup>British Malaya.

### Tribe ELASMOSCELINI Melchar

- Elasmoscelini 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 337  
*Tribe* [Key] :356 *Tribe* [Described, key to genera]  
 1925 Baker, Treubia 6: 272 [Notes] *Tribe*  
 1927 Schmidt, Soc. Ent. 42: 30 *Tribe* [Listed]

### Genus *Elasmoscelis* Spinola

HAPLOTYPE *Elasmoscelis cimicoides* [n. sp.] 1839 Spinola, Ann. Soc. Ent. France 8: 388

TYPE *Elasmoscelis* [sic] *cimicoides* 1840 Duponchel, Rev. Zool. 2: 205

TYPE *Ricania cimicoides* 1849 Desmarest, Dictionnaire Universel d'Histoire Naturelle 5: 229

TYPE *Elasmoscelis cimicoides* 1903 Kirkaldy, Entomologist 36: 215

TYPE *E*[*lasmoscelis*] *cimicoides* 1906 Distant, Fauna of British India 3: 318



TYPE *Elasmoscelis cimicoides* 1910 Distant, Ann. Mag. Nat. Hist. (8) 5: 321

TYPE *E[lasmoscelis] cimicoides* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 356

TYPE *Elasmoscelis cimicoides* 1925 Hesse, Ann. South African Mus. 23: 158

TYPE *Elasmoscelis cimicoides* 1930 Schmidt, Wien. Ent. Zeit. 47: 118

- Elasmoscelis* 1839 Spinola, Ann. Soc. Ent. France 8: 388 [gen. n.] :205 [Key]
- Elasmocelis* 1840 Duponchel, Rev. Zool. 2: 205 [Described]  
[sic]
- 1842 Agassiz, Erichson and Germar, Nomenclator Zoologicus 1842: 8 [Listed]
- Elasmoscelis* 1846 Agassiz, Erichson and Germar, Nomenclator Zoologicus. Addenda 1846: 5 To *Elasmocelis* [sic]
- Elasmocelis* 1848 Agassiz, Nomenclatoris Zoologici Index Universalis 1848: 390 [Listed] Equals *Elasmoscelis* [sic]  
Amy. and Serv.
- Elasmoscelis* 1848 Agassiz, Nomenclatoris Zoologici Index Universalis 1848: 390 [Listed]
- 1849 Desmarest, Dictionnaire Universel d'Histoire Naturelle 5: 229 [Described]
- 1850 Spinola, Mem. Soc. Italiana Modena 25 (1) :53 [Key]
- 1850 Schaum, Allgemeine Encyclopädie Ersch und Gruber 51: 73 [Described]
- Elasmocelis* 1851 Walker, List of Homopterous Insects 2: 403 [Catalogued, catalogue of species] Equals *Ricania* [sic]  
Germ. [in part.]
- Elasmoscelis* 1854 Stål, Öfv. Svenska Vet. Akad. Förh. 11: 248 [Listed]
- 1858 Walker, List of Homopterous Insects. Addenda 1858: 330 [Listed]
- 1859 Dohrn, Catalogus Hemipterorum 1859: 65 [List of species]
- 1862 Schaum, Reise nach Mossambique 5: 53 [Listed]
- 1862 Walker, Jour. Ent. 1: 309 [Described]
- 1866 Stål, Hemiptera Africana 4: 199 [Key] :200 [Described, catalogued, key to species]
- 1873 Gerstaecker, Claus' Decken's Reisen in Ost-Afrika 3 (2) :429 [Catalogued]
- 1882 Scudder, Bull. United States Nat. Mus. 19: 109 [Listed]



- Elasmocelis*  
[sic]
- Elasmoscelis*
- 1882 Scudder, Bull. United States Nat. Mus. 19: 109 [Listed]
- 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 42 [Comparative notes]
- 1889 Ashmead, Ent. Americana 5: 6 [Key]
- 1903 Kirkaldy, Entomologist 36: 215 [Listed]
- 1903 Kirkaldy, Natural History of Sokotra and Abd-el-Kuri 1903: 383 [Listed]
- 1903 Melichar, Homopteren-Fauna von Ceylon 1903: 64 [Described, catalogued] :223 [Listed]
- 1906 Distant, Fauna of British India 3: 317 [Key] :318 [Described, catalogued] :319 [Comparative note]
- 1906 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 1 (9) :395 [Comparative note]
- 1907 Distant, Insecta Transvaaliensia 8: 198 [Catalogued, geographic distribution]
- 1910 Bierman, Notes Leyden Mus. 33: 29 [Comparative note, catalogued]
- 1910 Distant, Ann. Mag. Nat. Hist. (8) 5: 321 [Catalogued]
- 1910 Distant, Insecta Transvaaliensia 10: 246 [Listed]
- 1913 Schumacher, Zoologische Ergebnisse im Südafrika 5 (2) :88 (42) [Listed]
- 1914 Matsumura, Ann. Mus. Nat. Hungarici 12: 267 [Catalogued]
- 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 356 [Described, key, catalogued, key to species] :361 [Comparative note]
- 1915 Schumacher, Mitt. Zool. Mus. Berlin 8: 117 [Listed]
- 1915 Schumacher, Suppl. Ent. 4: 133 [Listed]
- 1916 Distant, Fauna of British India 6: 82 [Listed]
- 1922 Melichar, Voyage Baron de Rothschild en Éthiopie et en Afrique Orientale Anglaise (1904-1905) 1922: 312 [Listed]
- 1925 Baker, Treubia 6: 274 [Key] :271 [Comparative notes] :279 [Notes]
- 1925 Handlirsch, Schröder's Handbuch der Entomologie 3 (17-18): 1109 [Listed]
- 1925 Hesse, Ann. South African Mus. 23: 158 [Catalogued]
- 1927 Martynov, Bull. Acad. Sci. URSS 20: 1356 [Comparative note]



- 1928 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (9) :1114 [Catalogued] Equals *Elasmocelis* [sic] Spin.
- Elasmocelis* [sic] 1928 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (9) :1113 [Catalogued]
- Elasmoscelis* 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 203 [Notes]  
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
1930 Schmidt, Wien. Ent. Zeit. 47: 118 [Catalogued]  
1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. 73: 121 [Listed]  
1939 Neave, Nomenclator Zoologicus 2: 206 [Catalogued]
- Elasmocelis* [sic] 1939 Neave, Nomenclator Zoologicus 2: 205 [Catalogued]
- Elasmoscelis* 1944 Metcalf, A Bibliography of the Homoptera 2: 146 [Bibliography]
- Elasmoscelis* [sic] 1952 Lallemand and Synave, Bull. Inst. Royal Sci. Nat. Belgique 28: 22 [Catalogued]
- Elasmocelis* [sic] 1952 Villiers, Init. Africaines 9: 234 [Described]
- Elasmoscelis* 1953 Box, List of sugar-cane insects 1953: 43 [List of species attacking sugar-cane]  
1954 Brues, Melander, and Carpenter, Bull. Mus. Comp. Zool. Harvard Coll. 108: 155 [Listed]

—Distant (var.) [stdli]. See *Elasmoscelis stdli* var.—Distant

—Distant (var.) [trimaculata]. See *Elasmoscelis trimaculata* var.—Distant

*a* Stål (var.) [trimaculata]. See *Elasmoscelis trimaculata* var. *trimaculata* Walker.

*b* Stål (var.) [trimaculata]. See *Elasmoscelis trimaculata* var. *b* Stål.

*bimacula* Melichar (var.). See *Elasmoscelis trimaculata* var. *bimacula* Melichar.

*c* Stål (var.) [trimaculata]. See *Elasmoscelis trimaculata* var. *c* Stål.

#### *cimicoides* Spinola

- 1839 *Elasmoscelis cimicoides* Spinola, Ann. Soc. Ent. France 8: 391; Pl. 16, Figs. 4A–D [n. sp., illustrated]<sup>1</sup> Equals *Ricania cimicoides* Germ. [nom. nud.]
- 1840 *Elasmocelis* [sic] *cimicoides* Duponchel, Rev. Zool. 2: 205 [Listed]<sup>1</sup>
- 1849 *Elasmoscelis cimicoides* Desmarest, Dictionnaire Universel d'Histoire Naturelle 5: 229 [Listed]<sup>1</sup> Equals *Ricania cimicoides* Germ. [nom. nud.]
- 1850 *Elasmoscelis cimicoides* Schaum, Allgemeine Encyklopädie Ersch und Gruber 51: 73 [Listed]<sup>2</sup>
- 1851 *Elasmocelis* [sic] *cimicoides* Walker, List of Homopterous Insects 2: 403 [Catalogued]<sup>1</sup> Equals *Ricania cimicoides* Germ. [nom. nud.]



- 1854 *E[lasmoscelis] cimicoide[s]* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 248 [Comparative note]
- 1859 *Elasmoscelis cimicoides* Dohrn, Catalogus Hemipterorum 1859: 65 [Listed]<sup>1</sup>
- 1859 *E[lasmoscelis] cimicoid[es]* Stål, Fregatten Eugenies Resa 4: 281 [Comparative note]
- 1862 *Elasmoscelis cimicoides* Schaum, Reise nach Mossambique 5: 53 [Listed]<sup>2</sup>
- 1866 *Elasmoscelis cimicoides* Stål, Hemiptera Africana 4: 200 [Catalogued]
- 1873 *Elasmoscelis cimicoides* Gerstaecker, Claus' Decken's Reisen in Ost-Afrika 3 (2) :429 [Catalogued]<sup>1, 2, 3, 4</sup>
- 1884 *Elasmoscelis cimicoides* Uhler, Standard Natural History 2: 233 [Described]<sup>5</sup>
- 1888 *Elasmoscelis cimicoides* Uhler, Riverside Natural History 2: 233 [Described]<sup>5</sup>
- 1895 *Elasmoscelis cimicoides* de Carlini, Ann. Mus. Genova (2) 15: 124 (20) [Listed]<sup>6</sup>
- 1903 *E[lasmoscelis] cimicoides* Kirkaldy, Natural History of Sokotra and Abd-el-Kuri 1903: 383 [Comparative note]
- 1905 *Elasmoscelis cimicoides* Melichar, Wien. Ent. Zeit. 24: 285 [Listed]<sup>7</sup>
- 1906 *E[lasmoscelis] cimicoides* Distant, Fauna of British India 3: 318 [Listed]<sup>8</sup>
- 1907 *E[lasmoscelis] cimicoides* Distant, Insecta Transvaaliensia 8: 198 [Comparative note]<sup>1</sup>
- 1910 *Elasmoscelis cimicoides* Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro 1910: 135 [Listed]<sup>7</sup>
- 1912 *Elasmoscelis cimicoides* Jacobi, Deutsch-Zentral-Afrika-Expedition 4: :21, 26 [Listed]<sup>9, 10, 11</sup>
- 1915 *Elasmoscelis cimicoides* Melichar, Ann. Mus. Nat. Hungarici 13: 357 [Described, key, catalogued]<sup>5, 7, 10, 11</sup>
- 1922 *Elasmoscelis cimicoides* Melichar, Voyage Baron de Rothschild en Éthiopie et en Afrique Orientale Anglaise (1904-1905) 1922: 312 [Catalogued]<sup>1</sup>
- 1935 *Elasmoscelis cimicoides* Lallemant, Ann. Mus. Genova 58: 80 [Listed]<sup>12</sup>
- 1936 *Elasmoscelis cimicoides* Jacobi, Arq. Mus. Bocage 7: 38 [Listed]<sup>13</sup>
- 1938 [*Elasmoscelis*] *cimicoides* Lallemant, Bull. Mus. R. Hist. Nat. Belgique 14 (58) :3 [Comparative note]
- 1944 *Elasmoscelis cimicoides* Jacobi, Mitt. Münchner Ent. Ges. 34: 17 [Comparative note]



- 1952 *Elasmoscelis cimicoides* Lallemant, Publ. Cut. Comp. Diam. Angola 1952: 12, 14 [Listed]<sup>7, 10, 13</sup>  
 1952 *Elasmoscelis* [sic] *cimicoides* Lallemant and Synave, Bull. Inst. Royal Sci. Nat. Belgique 28: 23 [Catalogued]<sup>14</sup>  
 1953 [*Elasmoscelis*] *cimicoides* Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>13</sup>

LOCALITIES: <sup>1</sup> Cape of Good Hope. <sup>2</sup> Natal. <sup>3</sup> Mozambique. <sup>4</sup> Kenya. <sup>5</sup> Caffraria. <sup>6</sup> Ethiopia. <sup>7</sup> Tanganyika. <sup>8</sup> Ethiopian Region. <sup>9</sup> Uganda. <sup>10</sup> South Africa. <sup>11</sup> East Africa. <sup>12</sup> Italian Somaliland. <sup>13</sup> Angola. <sup>14</sup> Belgian Congo.

**cimicoides var. fusca** Lallemant

- 1938 *Elasmoscelis cimicoides fusca* Lallemant, Bull. Mus. R. Hist. Nat. Belgique 14 (58) :3 [n. var.]<sup>1</sup>  
 1941 *Elasmoscelis cimicoides fusca* Lallemant, Expl. Parc National Albert 32: 17 [Listed]<sup>1</sup>  
 1942 *Elasmoscelis cimicoides fusca* Lallemant, Expl. Parc National Albert 32: 4 [Listed]<sup>1</sup>  
 1952 [*Elasmoscelis cimicoides*] *fusca* Lallemant, Publ. Cut. Comp. Diam. Angola 1952: 12 [Listed]<sup>2</sup>

LOCALITIES: <sup>1</sup> Belgian Congo. <sup>2</sup> Angola.

**cimicoides var. minor** Melichar

- 1915 *Elasmoscelis cimicoides minor* Melichar, Ann. Mus. Nat. Hungarici 13: 358 [n. var.]<sup>1</sup>

LOCALITIES: <sup>1</sup> Tanganyika.

*cimicoides* Stål [nec Spinola]. See *Elasmoscelis stål* Distant.

**decora** Walker

- 1851 *Flatoides decorus* Walker, List of Homopterous Insects 2: 418 [n. sp.]<sup>1</sup>  
 1859 *Flatoides decorus* Dohrn, Catalogus Hemipterorum 1859: 65 [Listed]<sup>1</sup>  
 1898 [*Flatoides*] *decorus* Melichar, Ann. Nat. Hofmus. Wien 13: 335 [Notes, catalogued]  
 1902 *Flatoides decorus* Melichar, Ann. Nat. Hofmus. Wien 17: 228 [Described, catalogued]<sup>1</sup>  
 1910 *Elasmoscelis decorus* Distant, Ann. Mag. Nat. Hist. (8) 5: 321 [Catalogued]<sup>1</sup> Equals *Flatoides decorus* Walk.

LOCALITIES: <sup>1</sup> Unknown.

**despecta** Melichar

- 1915 *Elasmoscelis despecta* Melichar, Ann. Mus. Nat. Hungarici 13: 360 [n. sp.]<sup>1</sup> :357 [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup> French Congo.

*formosana* Kato (var.). See *Elasmoscelis perforata* var. *formosana* Kato.

*fusca* Lallemant (var.). See *Elasmoscelis cimicoides* var. *fusca* Lallemant.



*fuscifasciata* Stål. See *Lacusa fuscifasciata* Stål.

*iram* Kirkaldy. See *Elasmoscelis trimaculata* Walker.

*minor* Lallemant [nom. nud.] (var.) See *Elasmoscelis trimaculata* var. *minor* Lallemant [nom. nud.]

*minor* Melichar (var.). See *Elasmoscelis cimicoides* var. *minor* Melichar.

### **perforata** Walker

- 1862 *Elasmoscelis perforata* Walker, Jour. Ent. 1: 309 [n. sp.]<sup>1</sup>
- 1891 *Elasmoscelis platypoda* Kirby, Jour. Linnean Soc. Zool. 24: 148; Pl. VI, Fig. 3 [n. sp., illustrated]<sup>2</sup>
- 1903 *Elasmoscelis platypoda* Melichar, Homopteren-Fauna von Ceylon 1903: 64; Pl. II, Figs. 3, 3a-b [Described, catalogued, illustrated]<sup>2</sup> :223 [Listed]
- 1906 *Elasmoscelis platypoda* Distant, Fauna of British India 3: 318; Fig. 155 [Described, catalogued, illustrated]<sup>2</sup>
- 1907 *Elasmoscelis platypoda* Bierman, Ent. Berichten 2: 162 [Notes]<sup>3</sup>
- 1907 [*Elasmoscelis*] *platypoda* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 97 [Notes]
- 1908 *Elasmoscelis platypoda* Bierman, Notes Leyden Mus. 29: 157 [Listed]<sup>3</sup>
- 1909 *Elasmoscelis platypoda* Lefroy and Howlett, Indian Insect Life 1909: 726 [Notes]<sup>4</sup>
- 1914 *Elasmoscelis platypoda* Matsumura, Ann. Mus. Nat. Hungarici 12: 267 [Catalogued]<sup>2, 5</sup>
- 1914 *Elasmoscelis platypoda* Melichar, Notes Leyden Mus. 36: 104 [Catalogued]<sup>3</sup>
- 1915 *Elasmoscelis perforata* Melichar, Ann. Mus. Nat. Hungarici 13: 359; Fig. 11 [Described, catalogued, illustrated]<sup>1, 2, 3</sup> Equals *Elasmoscelis platypoda* Kirby :357 [Key]<sup>2, 3</sup>
- 1915 *Elasmoscelis perforata* Schumacher, Mitt. Zool. Mus. Berlin 8: 117 [Catalogued]<sup>1, 2, 3, 5</sup> Equals *Elasmoscelis platypoda* Kirby
- 1915 *Elasmoscelis platypoda* Schumacher, Suppl. Ent. 4: 133 [Listed]<sup>5</sup>
- 1916 *Elasmoscelis platypoda* Distant, Fauna of British India 6: 82 [Listed]<sup>6</sup>
- 1920 *Elasmoscelis platypoda* Fletcher, Rept. Ent. Meeting Pusa 3 (1): 268 [Economics, catalogued]<sup>2, 6, 8</sup>
- 1920 *Elasmoscelis* [sic] *platypoda* Shroff, Rept. Ent. Meeting Pusa 3 (1): 354 [Food plants]<sup>9</sup>
- 1925 *Elasmoscelis perforata* Baker, Treubia 6: 279; Pl. III, Figs. 7a-f [Notes, illustrated]<sup>1, 2, 3</sup> Equals *Elasmoscelis platypoda* Kirby
- 1928 *Elasmoscelis platypoda* Kato, Kontyû 2: 222 [Catalogued]
- 1930 *Elasmoscelis perforata* Schmidt, Wien. Ent. Zeit. 47: 118 [Catalogued]<sup>3</sup>



1933 *Elasmoscelis platypoda* Kato, Three Colour Illustrated Insects of Japan 4: Pl. 14, fig. 6 [Illustrated]<sup>7</sup>

1953 [*Elasmoscelis*] *platypoda* Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>8</sup>

LOCALITIES: <sup>1</sup> Siam. <sup>2</sup> Ceylon. <sup>3</sup> Java. <sup>4</sup> India. <sup>5</sup> Formosa. <sup>6</sup> Bengal. <sup>7</sup> Japan. <sup>8</sup> Burma.

**perforata** var. **formosana** Kato

1928 *Elasmoscelis platypoda formosana* Kato, Kontyû 2: 222; Pl. IX, Fig. 2 [n. var., illustrated]<sup>1</sup>

1933 *Elasmoscelis platypoda formosana* Kato, Three Colour Illustrated Insects of Japan 4: Pl. 14, fig. 5 [Illustrated]<sup>2</sup>

LOCALITIES: <sup>1</sup> Formosa. <sup>2</sup> Japan.

*platypoda* Kirby. See *Elasmoscelis perforata* Walker.

*platypoda* var. *formosana* Kato. See *Elasmoscelis perforata* var. *formosana* Kato.

*radians* Kirby. See *Pitambara radians* Kirby.

**rhodesiana** Distant

1910 *Elasmoscelis rhodesiana* Distant, Insecta Transvaaliensia 10: 247; Pl. XXIII, Figs. 17, 17a [n. sp., illustrated]<sup>1</sup>

1915 *Elasmoscelis rhodesiana* Meliehar, Ann. Mus. Nat. Hungarici 13: 359 [Described, catalogued]<sup>1</sup> :357 [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup> Rhodesia.

**stâli** Distant

1866 *Elasmoscelis cimicoides* [nec Spinola] Stål, Hemiptera Africana 4: 200 [Described, key]<sup>1</sup>

1907 *Elasmoscelis stâli* Distant, Insecta Transvaaliensia 3: 198; Pl. XIX, Figs. 14, 14a Nom. nov. pro *Elasmoscelis cimicoides* Stål [1866] [nec *Elasmoscelis cimicoides* Spinola 1839] [Described, illustrated]<sup>2, 3, 4, 5, 6</sup>

1910 *E[lasmoscelis] stâli* Distant, Insecta Transvaaliensia 10: 247 [Comparative note]

1910 *Elasmoscelis cimicoides* [nec Spinola] Jacobi, Schwedischen Zoologischen Expedition Kilimandjaro 1910: 104 [Notes]<sup>7</sup> Equals *E[lasmoscelis] stâli* Dist.

1911 *Elasmoscelis stâli* Distant, Insecta Transvaaliensia 11-12: 289 [Notes]<sup>7</sup> Equals *Elasmoscelis cimicoides* Jae. (nec Spin.)

1913 *Elasmoscelis stâli* Sehumaehar, Zoologisch Ergebnisse im Sudafrika 5 (2) :88 (42) [Listed]<sup>2, 3, 4, 5, 8</sup> Equals [*Elasmoscelis cimicoides* Stål [nec Spin.]

1915 *Elasmoscelis stâli* Meliehar, Ann. Mus. Nat. Hungarici 13: 358 [Described, catalogued]<sup>2, 3, 4, 5, 6, 9, 10, 11</sup> Equals *Elasmoscelis cimicoides* Stål (nec Spin.) :357 [Key]<sup>12</sup> :359 [Comparative note]



1925 *E[lasmoscelis] stål*i Hesse, Ann. South African Mus. 23: 158  
[Catalogued]<sup>8, 13</sup> Equals [*Elasmoscelis*] *cimicoides* Stål (nee Spin.)

1938 *E[lasmoscelis] stål*i Lallemand, Bull. Mus. R. Hist. Nat. Belgique  
14 (58) :3 [Notes]

LOCALITIES: <sup>1</sup> Caffraria. <sup>2</sup> Transvaal. <sup>3</sup> Natal. <sup>4</sup> Mozambique. <sup>5</sup> Nyasaland.  
<sup>6</sup> Zambesia. <sup>7</sup> Tanganyika. <sup>8</sup> Damaraland. <sup>9</sup> East Africa. <sup>10</sup> Abyssinia. <sup>11</sup> An-  
gola. <sup>12</sup> South Africa. <sup>13</sup> Ovamboland.

*stål*i var.—Distant

1910 *Elasmoscelis stål*i var.—Distant, Insecta Transvaaliensia 10: 246;  
Pl. XXIII, Figs. 20, 20a [n. var., illustrated]<sup>1, 2</sup>

LOCALITIES: <sup>1</sup> South Africa. <sup>2</sup> Rhodesia.

*tagalica* Stål. See *Pitambara* (?) *tagalica* Stål.

*trimaculata* Walker

1851 *Elasmoscelis* [sic] *trimaculatus* Walker, List of Homopterous In-  
sects 2: 403 [n. sp.]<sup>1</sup>

1859 *Elasmoscelis trimaculata* Dohrn, Catalogus Hemipterorum 1859:  
65 [Listed]<sup>1</sup>

1866 *Elasmoscelis trimaculata* Stål, Hemiptera Africana 4: 201 [Key,  
described, catalogued]<sup>1, 2</sup>

1895 *Elasmoscelis trimaculata* Gerstaecker, Mitth. Naturw. Ver.  
Greifswald 27: 17 [Listed]<sup>3</sup>

1899 *Elasmoscelis trimaculata* Haglund, Öfv. Svenska Vet. Akad.  
Förh. 56: 65 [Catalogued]<sup>4, 9</sup>

1899 *Elasmoscelis iram* Kirkaldy, Bull. Liverpool Mus. 2: 45 [n. sp.]<sup>5</sup>

1903 *Elasmoscelis iram* Distant, Ann. Mag. Nat. Hist. (7) 12: 480  
[Listed]<sup>5</sup>

1903 *Elasmoscelis trimaculatus* Kirkaldy, Natural History of Sokotra  
and Abd-el-Kuri 1903: 383 [Comparative note]

1903 *Elasmoscelis iram* Kirkaldy, Natural History of Sokotra and  
Abd-el-Kuri 1903: 383; Pl. XXIII, Figs. 2, 2a [Described, cata-  
logued, illustrated]<sup>5</sup>

1910 *Elasmoscelis trimaculata* Distant, Insecta Transvaaliensia 10:  
246; Pl. XXIII, Figs. 19, 19a [Catalogued, illustrated]<sup>1, 5, 6, 7, 8, 9, 10</sup>  
Equals *Elasmoscelis iram* Kirk. :247 [Comparative note]

1910 *E[lasmoscelis] trimaculata* Distant, Ann. Mag. Nat. Hist. (8) 5:  
321 [Comparative note]

1910 *Elasmoscelis trimaculata* Jacobi, Schwedischen Zoologischen Ex-  
pedition Kilimandjaro 1910: 104 [Notes]<sup>11</sup> :135 [Listed]<sup>11</sup>

1915 *Elasmoscelis trimaculata* Meliehar, Ann. Mus. Nat. Hungariei  
13: 360 [Described, catalogued]<sup>1, 2, 5, 7, 8, 11, 12, 13</sup> Equals *Elas-  
moscelis iram* Kirk. :357 [Key]<sup>5, 13</sup> :359, 360 [Comparative note]



- 1934 *Elasmoscelis trimaculata* Mayne and Ghesquiere, Ann. de Gembloux 40: 28 [Listed]<sup>4</sup>
- 1936 *Elasmoscelis trimaculata* Jacobi, Arq. Mus. Bocage 7: 38 [Listed]<sup>14</sup>
- 1938 *Elasmoscelis trimaculata* Lallemant, Bull. Mus. R. Hist. Nat. Belgique 14 (58) :3 [Listed]<sup>4</sup>
- 1941 *Elasmoscelis trimaculata* Lallemant, Expl. Parc National Albert 32: 17 [Listed]<sup>4</sup>
- 1942 *Elasmoscelis trimaculata* Lallemant, Expl. Parc National Albert 32: 4 [Listed]<sup>4</sup>
- 1952 *Elasmoscelis trimaculata* Lallemant, Bull. Inst. Francais d'Afrique Noire 14: 167 [Listed]<sup>2, 13, 15, 16</sup>
- 1952 *Elasmoscelis* [sic] *trimaculata* Lallemant, Publ. Cut. Comp. Diam. Angola 1952: 12, 14 [Listed]<sup>1, 2, 5, 7, 13, 14, 17</sup>
- 1952 *Elasmoscelis* [sic] *trimaculata* Lallemant and Synave, Bull. Inst. Royal Sci. Nat. Belgique 28: 23 [Catalogued]<sup>4</sup>
- 1952 *E[lasmoscelis] trimaculata* Villiers, Init. Africaines 9: 234; Fig. 337 [Described, illustrated]<sup>8</sup>
- 1953 [*Elasmoscelis*] *trimaculata* Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>1</sup>
- LOCALITIES: <sup>1</sup> Sierra Leone. <sup>2</sup> Senegal. <sup>3</sup> Nigeria. <sup>4</sup> Belgian Congo. <sup>5</sup> Socotra. <sup>6</sup> Transvaal. <sup>7</sup> Rhodesia. <sup>8</sup> Western Africa. <sup>9</sup> Cameroons. <sup>10</sup> French Equatorial Africa. <sup>11</sup> Tanganyika. <sup>12</sup> Portuguese Guinea. <sup>13</sup> Eastern Africa. <sup>14</sup> Angola. <sup>15</sup> Togo. <sup>16</sup> Dahomey. <sup>17</sup> Kenya.

**trimaculata** var. \_\_\_Distant

- 1910 *Elasmoscelis trimaculata* var. \_\_\_Distant, Insecta Transvaaliensia 10: 246; Pl. XXIII, Figs. 19, 19a [n. var., illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Transvaal.

*trimaculata* var. *a* Stål. See *Elasmoscelis trimaculata* var. *trimaculata* Walker.

**trimaculata** var. *b* Stål

- 1866 *Elasmoscelis trimaculata* var. *b* Stål, Hemiptera Africana 4: 201 [n. var.]

**trimaculata** var. *bimacula* Melichar

- 1915 [*Elasmoscelis trimaculata*] *bimacula* Melichar, Ann. Mus. Nat. Hungarici 13: 360 [n. var.]<sup>1</sup>

LOCALITIES: <sup>1</sup> Abyssinia.

**trimaculata** var. *c* Stål

- 1866 *Elasmoscelis trimaculata* var. *c* Stål, Hemiptera Africana 4: 201 [n. var.]

*trimaculata* var. *minor* Lallemant [nom. nud.]

- 1952 [*Elasmoscelis trimaculata*] *minor* Lallemant, Bull. Inst. Francais d'Afrique Noire 14: 167 [Listed]<sup>1</sup>

LOCALITIES: <sup>1</sup> Dahomey.



**trimaculata** var. **trimaculata** Walker

1866 *Elasmoscelis trimaculata* var. *a* Stål, Hemiptera Afrieana 4: 201  
[n. var.]

**Genus Pitambara** Distant

ORTHOTYPE *P[itambara] radians* 1906 Distant, Fauna of British India 3: 319

TYPE *P[itambara] radians* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 361

- Pitambara** 1906 Distant, Fauna of British India 3: 319 [gen. n.] :317 [Key]  
1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 92 [Listed]
- Pitambra* 1912 Waterhouse, Index Zoologicus No. II 1912: 232  
[sic] [Listed]
- Pitambara** 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 361  
[Described, catalogued, key to species] :356 [Key]  
1916 Distant, Fauna of British India 6: 82 [Listed]  
1925 Baker, Treubia 6: 274 [Key] :280 [Notes] :271  
[Comparative notes]  
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
1934 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (19) :2697 [Catalogued] Equals *Pitambra* [sic] Waterh.
- Pitambra* 1934 Schulze, Kükenthal and Heider, Nomenclator  
[sic] Animalium 4 (19) :2697 [Catalogued]
- Pitambara** 1940 Neave, Nomenclator Zoologicus 3: 771 [Catalogued]  
1947 Metcalf, Jour. Elisha Mitchell Sci. Soc. 62: 161  
[Zoogeography]

**borneensis** Baker

1925 *Pitambara borneensis* Baker, Treubia 6: 280; Pl. III, Figs. Sa-c  
[n. sp., illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> North Borneo.

**dawnana** Distant

1912 *Pitambara dawnana* Distant, Ann. Mag. Nat. Hist. (8) 9: 189  
[n. sp.]<sup>1</sup>

1915 *Pitambara dawnana* Melichar, Ann. Mus. Nat. Hungarici 13: 361 [Key]<sup>1</sup> :363 [Described, catalogued]

1916 *Pitambara dawnana* Distant, Fauna of British India 6: 83;  
Fig. 63 [Described, catalogued, illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Lower Burma. <sup>2</sup> Burma.



**interrupta** Distant

- 1906 *Pitambara interrupta* Distant, Fauna of British India 3: 320 [n. sp.]<sup>1</sup>  
 1915 *Pitambara interrupta* Melichar, Ann. Mus. Nat. Hungarici 13: [Key]<sup>1</sup> :364 [Described, catalogued]<sup>1</sup>  
 1942 *P[itambara] interrupta* Lallemant, Notes Ent. Chinoise 9: 74 [Comparative note]  
 LOCALITIES: <sup>1</sup> Tenasserim.

**nontana** Distant

- 1912 *Pitambara montana* Distant, Ann. Mag. Nat. Hist. (8) 9: 188 [n. sp.]<sup>1</sup>  
 1915 *Pitambara montana* Melichar, Ann. Mus. Nat. Hungarici 13: 363 [Described, catalogued]<sup>2</sup> :361 [Key]<sup>1</sup>  
 1916 *Pitambara montana* Distant, Fauna of British India 6: 82; Fig. 62 [Described, illustrated, catalogued]<sup>1</sup>  
 LOCALITIES: <sup>1</sup> Lower Burma. <sup>2</sup> Burma.

**radians** Kirby

- 1891 *Elasmoscelis* (?) *radians* Kirby, Jour. Linnean Soc. Zool. 24: 149; Pl. VI, Fig. 2 [n. sp., food plants, illustrated]<sup>1</sup>  
 1903 *Elasmoscelis radians* Melichar, Homopteren-Fauna von Ceylon 1903: 65; Pl. II, Figs. 2, 2a [Described, catalogued, illustrated]<sup>1</sup> :223 [Listed]  
 1906 *Pitambara radians* Distant, Fauna of British India 3: 319; Fig. 156 [Described, food plants, illustrated, catalogued]<sup>1</sup> Equals *Elasmoscelis* [*radians* Kirby]  
 1907 *Elasmoscelis radians* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 97 [Notes]  
 1915 *Pitambara radians* Melichar, Ann. Mus. Nat. Hungarici 13: 361; Fig. 14[12] [Described, key, catalogued, illustrated]<sup>1</sup> Equals *Elasmoscelis* (?) *radians* Kirby  
 1925 *Pitambara radians* Baker, Treubia 6: 280 [Notes, food plants]<sup>1</sup>  
 LOCALITIES: <sup>1</sup> Ceylon.

**sinuata** Distant

- 1906 *Pitambara sinuata* Distant, Fauna of British India 3: 321 [n. sp.]<sup>1</sup>  
 1915 *Pitambara sinuata* Melichar, Ann. Mus. Nat. Hungarici 13: 363 [Described, catalogued]<sup>1</sup> :361 [Key]<sup>1</sup>  
 1925 *Pitambara sinuata* Baker, Treubia 6: 281 [Comparative notes]  
 LOCALITIES: <sup>1</sup> Tenasserim.

**tagalica** Stål

- 1854 *Elasmoscelis tagalica* Stål, Öfv. Svenska Vet. Akad. Förh. 11: 248 [n. sp.]<sup>1</sup>



- 1858 *Elasmoscelis tagalica* Walker, List of Homopterous Insects. Addenda 1858: 330 [Catalogued]<sup>1</sup>  
 1859 *Elasmoscelis tagalica* Dohrn, Catalogus Hemipterorum 1859: 65 [Listed]<sup>1</sup>  
 1859 *Elasmoscelis tagalica* Stål, Fregatten Eugenies Resa 4: 281 [Described, catalogued]<sup>1</sup>  
 1891 *E[lasmoscelis] tagalica* Kirby, Jour. Linnean Soc. Zool. 24: 149 [Comparative note]<sup>2</sup>  
 1925 *Pitambara* (?) [*tagalica*] Baker, Treubia 6: 279 [Listed]<sup>2</sup> Equals *Elasmoscelis tagalica* Stål  
 LOCALITIES: <sup>1</sup> LUZON. <sup>2</sup> Philippines.

**tonkinensis** Lallemand

- 1942 *Pitambara tonkinensis* Lallemand, Notes Ent. Chinoise 9: 74 [n. sp.]<sup>1</sup> :70 [Listed]  
 LOCALITIES: <sup>1</sup> Tonkin.

**undulata** Distant

- 1906 *Pitambara undulata* Distant, Fauna of British India 3: 320 [n. sp.]<sup>1</sup>  
 1915 *Pitambara undulata* Melichar, Ann. Mus. Nat. Hungarici 13: 362 [Described, catalogued]<sup>1</sup> :361 [Key]<sup>1</sup>  
 LOCALITIES: <sup>1</sup> BURMA.

Genus **Hesticus** Walker

- HAPLOTYPE *Hesticus pictus* [n. sp.] 1862 Walker, Jour. Ent. 1: 305  
 TYPE *Hesticus pictus* 1912 Melichar, Abh. Zool. Bot. Ges. Wien 7 (1) :15  
 HAPLOTYPE *Hesticus pictus* 1945 Metcalf, Zoologica 30: 137

- Hesticus** 1862 Walker, Jour. Ent. 1: 305 [gen. n.]  
 1873 Marschall, Nomenclator Zoologicus 1873: 366 [Catalogued]  
 1882 Scudder, Bull. United States Nat. Mus. 19: 147 [Listed]  
 1912 Melichar, Abh. Zool. Bot. Ges. Wien 7 (1) :7 [Notes] :15 [Described, catalogued] :214 [Listed]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (12) :1530 [Catalogued]  
 1931 Muir, Proc. Hawaiian Ent. Soc. 7: 477 [Notes]  
 1939 Neave, Nomenclator Zoologicus 2: 630 [Catalogued]  
 1944 Fennah, American Mus. Nov. 1265: 1 [Listed]  
 1945 Metcalf, Zoologica 30: 137 [Described, catalogued]



1952 China and Fennah, Ann. Mag. Nat. Hist. (12) 5:  
192, 194, 197 [Comparative notes]

**pictus** Walker

- 1862 *Hesticus pictus* Walker, Jour. Ent. 1: 306; Pl. XV, Fig. 6 [n. sp., illustrated]<sup>1</sup>  
1912 *Hesticus pictus* Melichar, Abh. Zool. Bot. Ges. Wien 7 (1) :15 [Described, catalogued]<sup>1</sup> :214 [Listed]<sup>1, 2</sup>  
1931 *Hesticus pictus* Muir, Proc. Hawaiian Ent. Soc. 7: 480; Pl. X, Fig. 14 [Notes, illustrated, comparative note]<sup>1</sup>  
1945 *Hesticus pictus* Metcalf, Zoologica 30: 137; Pl. II, Figs. 5, 6, 10 [Described, illustrated]<sup>2, 3</sup> :138 [Listed]<sup>3</sup>

LOCALITIES: <sup>1</sup> Rio de Janeiro. <sup>2</sup> Brazil. <sup>3</sup> British Guiana.

**rufimana** Walker

- 1858 *Cladodiptera rufimanus* Walker, List of Homopterous Insects. Supplement 1858: 77 [n. sp.]<sup>1</sup>  
1912 [*Cladodiptera*] *rufimanus* Melichar, Abh. Zool. Bot. Ges. Wien 7 (1) :7 [Catalogued]  
1912 *Cladypha rufimana* Melichar, Abh. Zool. Bot. Ges. Wien 7 (1) :12 [Described, catalogued]<sup>1</sup> Equals *Cladodiptera rufimanus* Walk. :214 [Listed]<sup>1</sup>  
1931 *Hesticus rufimanus* Muir, Proc. Hawaiian Ent. Soc. 7: 480 [Notes, comparative notes]<sup>2</sup> Equals *Cladodiptera rufimanus* Walk.

LOCALITIES: <sup>1</sup> Santa Catarina. <sup>2</sup> Amazonas.

**sanguinifrons** Muir

- 1931 *Hesticus sanguinifrons* Muir, Proc. Hawaiian Ent. Soc. 7: 480; Pl. X, Figs. 15, 15a [n. sp., illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Ecuador.

**Genus Bisma** Distant

ORTHOTYPE *Bisma greeni* [n. sp.] 1906 Distant, Fauna of British India 3: 322

TYPE *B[isma] greeni* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 364

- Bisma** 1906 Distant, Fauna of British India 3: 317 [Key] :322 [gen. n.]  
1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 92 [Listed]  
1915 Melichar, Ann. Mus. Nat. Hungarici 13: 364 [Described, catalogued] :356 [Key]  
1926 Schulze, Kükenthal and Heider, Nomenclator Animalium I (3) :406 [Catalogued]  
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]



1939 Neave, Nomenclator Zoologicus 1: 432 [Catalogued]

**elasmoseclis** Jacobi

1944 *Bisma elasmoseclis* Jacobi, Mitt. Münchner Ent. Ges. 34: 17 [n. sp.]<sup>1</sup>

LOCALITIES: <sup>1</sup> Fukien.

**greeni** Distant

1906 *Bisma greeni* Distant, Fauna of British India 3: 323; Fig. 158 [n. sp., illustrated]<sup>1</sup>

1915 *Bisma greeni* Melichar, Ann. Mus. Nat. Hungarici 13: 365; Fig. 13 [Described, catalogued, illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Ceylon.

**Genus Jugoda** Melichar

ORTHOTYPE *Jugoda zebrina* [n. sp.] 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 367

TYPE *Jugoda zebrina* 1927 Schmidt, Soc. Ent. 42: 30

- Jugoda** 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 367 [gen. n.] :356 [Key]  
 1927 Schmidt, Soc. Ent. 42: 30 [Catalogued, a new species from Key Islands]  
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13) :1716 [Catalogued]  
 1939 Neave, Nomenclator Zoologicus 2: 813 [Catalogued]  
 1944 Metcalf, A Bibliography of the Homoptera 2: 146 [Bibliography]

**heterogena** Schmidt

1927 *Jugoda heterogena* Schmidt, Soc. Ent. 42: 30 [n. sp.]<sup>1</sup>

LOCALITIES: <sup>1</sup> Key Islands.

**servula** Melichar

1915 *Jugoda servula* Melichar, Ann. Mus. Nat. Hungarici 13: 369 [n. sp.]<sup>1, 2</sup>

LOCALITIES: <sup>1</sup> New Guinea. <sup>2</sup> Northeast New Guinea.

**zebrina** Melichar

1915 *Jugoda zebrina* Melichar, Ann. Mus. Nat. Hungarici 13: 368; Fig. 15 [n. sp., illustrated]<sup>1, 2</sup> :369 [Comparative note]

1927 *J[ugoda] zebrina* Schmidt, Soc. Ent. 42: 30, 31 [Comparative notes]

LOCALITIES: <sup>1</sup> New Guinea. <sup>2</sup> Northeast New Guinea.



Tribe **MENOSCAINI** Melichar

- Menoscaina 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 373  
*Tribe* [Described, key to genera] :338 *Tribe* [Key]  
 1925 Baker, Treubia 6: 272 *Tribe* [Notes]

Genus **Manchhookhonia** Kato

ORTHOTYPE *Manchhookhonia granulipennis* [n. sp.] Kato, Ent. World  
 1: 10

- Manchhookhonia 1933 Kato, Ent. World 1: 10 [gen. n.]  
 1940 Neave, Nomenclator Zoologicus 3: 37 [Catalogued]

*granulipennis* Kato

1933 *Manchhookhonia granulipennis* Kato, Ent. World 1: 11; Fig. 13  
 [n. sp., illustrated]<sup>1</sup> :19 [Listed]<sup>1</sup>

1933 *Manchhookhonia granulipennis* Kato, Three Colour Illustrated  
 Insects of Japan 4: Pl. 18, fig. 1 [Illustrated]<sup>2</sup>

LOCALITIES: <sup>1</sup> Manchuria. <sup>2</sup> Japan.

Genus **Menosca** Stål

LOGOTYPE *M[enosca] discophora* 1915 Melichar, Ann. Mus. Nat.  
 Hungarici 13: 375

[*Jivatma* Distant]

[ORTHOTYPE *Jivatma metallica* [n. sp.] 1906 Distant, Fauna of British  
 India 3: 328]

[TYPE *Jivatma metallica* 1909 Distant, Rec. Indian Mus. 3: 173]

[TYPE *Jivatma metallica* 1910 Banks, Philippine Jour. Sci. 5: 41]

[TYPE *J[ivatma] metallica* 1915 Melichar, Ann. Mus. Nat. Hungarici  
 13: 370]

- Menosca 1870 Stål, Öfv. Svenska Vet. Akad. Forh. 27: 752  
 [gen. n.]

1882 Scudder, Bull. United States Nat. Mus. 19: 193  
 [Listed]

1905 Jacobi, Zool. Jahrb. Syst. 21: 438, 439 [Comparative  
 notes]

- Jivatma* 1906 Distant, Fauna of British India 3: 328 [gen. n.]  
 :317 [Key]

1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div.  
 Ent. 3: 92 [Listed]

1909 Distant, Rec. Indian Mus. 3: 173 [Catalogued]

1910 Banks, Philippine Jour. Sci. 5: 41 [Catalogued]



- 1914 Melichar, Monographie der Tropiduchinen 1914: 3 [Listed]
- 1915 Melichar, Verh. Naturf. Ver. Brünn 53: 84 [Listed]
- Menosca* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 375 [Described, catalogued]
- Jivatma* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 356 [Key] :370 [Described, catalogued]
- Menosca* 1925 Baker, Treubia 6: 272 [Notes] Equals *Jivatma* :284 [Notes, key to species] Equals *Jivatma* Dist. :275 [Key] :287, 289, 290, 291, 294 [Comparative notes]
- Jivatma* 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]
- 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]
- 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13) :1712 [Catalogued]
- 1931 Muir, Proc. Hawaiian Ent. Soc. 7: 476 [Comparative note]
- Menosca* 1931 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (15) :2032 [Catalogued]
- Jivatma* 1939 Neave, Nomenclator Zoologicus 2: 809 [Catalogued]
- Menosca* 1940 Neave, Nomenclator Zoologicus 3: 103 [Catalogued]
- 1947 Metcalf, Jour. Elisha Mitchell Sci. Soc. 62: 162 [Zoogeography]

**discophora Stål**

- 1870 *Menosca discophora* Stål, Öfv. Svenska Vet. Akad. Förh. 27: 752; Pl. IX, Fig. 28 [n. sp., illustrated]<sup>1</sup>
- 1915 *Menosca discophora* Melichar, Ann. Mus. Nat. Hungarici 13: 376 [Described, catalogued]<sup>1</sup>
- 1925 *Menosca discophora* Baker, Treubia 6: 284 [Key] :285; Pl. V, Figs. 13a-e [Notes, illustrated]<sup>2</sup> :285, 286 [Comparative notes]

LOCALITIES: <sup>1</sup> Philippines. <sup>2</sup> Mindanao.

**insignis Distant**

- 1909 *Jivatma insignis* Distant, Rec. Indian Mus. 3: 173; Pl. XI, Figs. 9, 9a [n. sp., illustrated]<sup>1</sup>
- 1915 *Jivatma insignis* Melichar, Ann. Mus. Nat. Hungarici 13: 371; Fig. 17 [Described, catalogued, illustrated]<sup>1</sup>
- 1925 *Menosca insignis* Baker, Treubia 6: 284 [Listed]<sup>2</sup> Equals *Jivatma insignis* Dist. :285 [Key]

LOCALITIES: <sup>1</sup> Borneo. <sup>2</sup> Sarawak.

**metallica Distant**

- 1906 *Jivatma metallica* Distant, Fauna of British India 3: 329; Fig. 163 [n. sp., illustrated]<sup>1</sup>



1915 *Jivatma metallica* Melichar, Ann. Mus. Nat. Hungarici 13: 371 [Described, catalogued]<sup>1</sup>

1925 [*Menosca metallica*] Baker, Treubia 6: 284 [Listed]<sup>1</sup> Equals *Jivatma metallica* Dist.

1953 *Jivatma metallica* Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>2</sup>

LOCALITIES: <sup>1</sup> Tenasserim. <sup>2</sup> Burma.

#### **moro** Baker

1925 *Menosca moro* Baker, Treubia 6: 285; Pl. V, Figs. 14a-e, 15e-f [n. sp., key, illustrated]<sup>1</sup> :286 [Comparative notes]

LOCALITIES: <sup>1</sup> Basilan.

#### **punctigera** Stål

1870 *Menosca punctigera* Stål, Öfv. Svenska Vet. Akad. Förh. 27: 752 [n. sp.]<sup>1</sup>

1915 *Menosca punctigera* Melichar, Ann. Mus. Nat. Hungarici 13: 376 [Described, catalogued]<sup>1</sup>

1925 *Menosca punctigera* Baker, Treubia 6: 284 [Notes] :285 [Key] :286; Pl. V. Fig. 15d [Notes, illustrated, comparative notes]<sup>2, 3</sup>

LOCALITIES: <sup>1</sup> Philippines. <sup>2</sup> Basilan. <sup>3</sup> Mindanao.

*triangularis*. Typographical error for *Menosca triangulata* Banks.

#### **triangulata** Banks

1910 *Jivatma triangulata* Banks, Philippine Jour. Sci. 5: 41; Pl. III, Fig. 5 [n. sp., illustrated]<sup>1</sup>

1915 *Jivatma triangulata* Melichar, Ann. Mus. Nat. Hungarici 13: 372 [Described, catalogued]<sup>1, 2</sup>

1925 *Menosca triangularis* [sic] Baker, Treubia 6: 284 [Notes]<sup>1</sup> Equals *Jivatma triangularis* [sic] Banks :285 [Key]

LOCALITIES: <sup>1</sup> Palawan. <sup>2</sup> Philippines.

#### **vermiculata** Baker

1925 *Menosca vermiculata* Baker, Treubia 6: 286; Pl. IV, Figs. 16a-d; Pl. V, Figs. 15a-c [n. sp., illustrated]<sup>1, 2, 3</sup> :285 [Key]

LOCALITIES: <sup>1</sup> Mindanao. <sup>2</sup> Basilan. <sup>3</sup> North Borneo.

#### **whiteheadi** Distant

1909 *Jivatma whiteheadi* Distant, Rec. Indian Mus. 3: 173 [n. sp.]<sup>1</sup>

1915 *Jivatma whiteheadi* Melichar, Ann. Mus. Nat. Hungarici 13: 372 [Described, catalogued]<sup>1</sup>

1925 [*Menosca whiteheadi*] Baker, Treubia 6: 284 [Listed]<sup>1</sup> Equals *Jivatma whiteheadi* Dist.

LOCALITIES: <sup>1</sup> Philippines.

### Genus *Carrionia* Muir

HAPLOTYPE *Carrionia flavicollis* [n. sp.] 1931 Muir, Proc. Hawaiian Ent. Soc. 7: 476





- Carrionia* 1931 Muir, Proc. Hawaiian Ent. Soc. 7: 476 [gen. n.]  
 1939 Neave, Nomenclator Zoologicus 1: 592 [Catalogued]  
 1944 Fennah, American Mus. Nov. 1265: 1 [Catalogued]

**flavicollis** Muir

- 1931 *Carrionia flavicollis* Muir, Proc. Hawaiian Ent. Soc. 7: 477  
 [n. sp.]<sup>1, 2</sup>

LOCALITIES: <sup>1</sup> Ecuador. <sup>2</sup> Loja.

**Genus Makota** Distant

ORTHOTYPE *Makota illustris* [n. sp.] 1909 Distant, Rec. Indian Mus. 3: 167

TYPE *M[akota] illustris* 1915 Meliehar, Ann. Mus. Nat. Hungarici 13: 374

- Makota* 1909 Distant, Rec. Indian Mus. 3: 167 [gen. n.] :169  
 [Comparative note]  
 1915 Meliehar, Ann. Mus. Nat. Hungarici 13: 374  
 [Described, catalogued] :373 [Key]  
 1925 Baker, Treubia 6: 272, 283 [Comparative notes]  
 :274 [Key] :281 [Notes]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1931 Schulze, Kükenthal and Heider, Nomenclator  
 Animalium 3 (15) :1956 [Catalogued]  
 1940 Neave, Nomenclator Zoologicus 3: 29 [Catalogued]

**illustris** Distant

1909 *Makota illustris* Distant, Rec. Indian Mus. 3: 168; Pl. XI, Figs. 6, 6a [n. sp., illustrated]<sup>1</sup> :168 [Comparative note]

1915 *Makota illustris* Meliehar, Ann. Mus. Nat. Hungarici 13: 374;  
 Fig. 18 [Described, catalogued, illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Borneo.

**notabilis** Distant

1909 *Makota notabilis* Distant, Rec. Indian Mus. 3: 168; Pl. XI, Figs. 1, 1a [n. sp., illustrated]<sup>1</sup>

1915 *Makota notabilis* Meliehar, Ann. Mus. Nat. Hungarici 13: 375;  
 Fig. 19 [Described, catalogued, illustrated]<sup>1</sup>

1925 *Makota notabilis* Baker, Treubia 6: 281; Pl. III, Figs. 9a-e  
 [Notes, illustrated]<sup>2</sup>

LOCALITIES: <sup>1</sup> Borneo. <sup>2</sup> North Borneo.



Genus *Lapithasa* Melichar

ORTHOTYPE *Lapithasa bakeri* [n. sp.] 1914 Melichar, Philippine Jour. Sci. 9: 280

ORTHOTYPE *L[apithasa] bakeri* [n. sp.] 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 349

- Lapithasa* 1914 Melichar, Philippine Jour. Sci. 9: 280 [gen. n.]  
 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 349 [gen. n.] :338 [Key]  
 1925 Baker, Treubia 6: 272 [Notes] :287 [Notes, key to species] :275 [Key] :290 [Comparative notes]  
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13) :1767 [Catalogued]  
 1939 Neave, Nomenclator Zoologicus 2: 868 [Catalogued]  
 1947 Metcalf, Jour. Elisha Mitchell Sci. Soc. 62: 162 [Zoogeography]

*bakeri* Melichar

- 1914 *Lapithasa bakeri* Melichar, Philippine Jour. Sci. 9: 281; Pl. I, Figs. 10, 10a-b [n. sp., illustrated]<sup>1</sup>  
 1915 *Lapithasa bakeri* Melichar, Ann. Mus. Nat. Hungarici 13: 350; Fig. 6 [n. sp., illustrated]<sup>1, 2</sup>  
 1925 *Lapithasa bakeri* Baker, Treubia 6: 287; [Key, comparative notes]<sup>2</sup> :288; Pl. VI, Figs. 17a-d [Notes, illustrated]<sup>1</sup> :289 [Comparative notes]

LOCALITIES: <sup>1</sup> Luzon. <sup>2</sup> Philippines.

*obtusa* Baker

- 1925 *Lapithasa obtusa* Baker, Treubia 6: 289; Pl. VI, Figs. 20a-c [n. sp., illustrated]<sup>1</sup> :288 [Key] :287 [Comparative notes]

LOCALITIES: <sup>1</sup> Mindanao.

*simplicia* Baker

- 1925 *Lapithasa simplicia* Baker, Treubia 6: 289; Pl. VI, Figs. 19a-c [n. sp., illustrated]<sup>1</sup> :288 [Key] :287, 289 [Comparative notes]

LOCALITIES: <sup>1</sup> Mindanao.

*surigaoensis* Baker

- 1925 *Lapithasa surigaoensis* Baker, Treubia 6: 288; Pl. V, Figs. 18a-d [n. sp., key, illustrated]<sup>1</sup> :287, 289 [Comparative notes]

LOCALITIES: <sup>1</sup> Mindanao.

Genus *Apia* Distant

ORTHOTYPE *Apia lineolata* [n. sp.] 1909 Distant, Rec. Indian Mus. 3: 170



TYPE *A[pia] lineolata* 1915 Meliehar, Ann. Mus. Nat. Hungariei 13: 376

- Apia* 1909 Distant, Rec. Indian Mus. 3: 170 [gen. n.]  
 1915 Meliehar, Ann. Mus. Nat. Hungariei 13: 376  
 [Described, eatalogued] :373 [Key]  
 1925 Baker, Treubia 6: 272 [Comparative notes] :290  
 [Notes] :275 [Key]  
 1926 Schulze, Kükenthal and Heider, Nomenclator  
 Animalium I (2) :232 [Catalogued]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1939 Neave, Nomenclator Zoologicus 1: 251 [Cata-  
 logued]

*lineolata* Distant

- 1909 *Apia lineolata* Distant, Rec. Indian Mus. 3: 171; Pl. XI, Figs.  
 10, 10a [n. sp., illustrated]<sup>1, 2</sup>  
 1915 *Apia lineolata* Meliehar, Ann. Mus. Nat. Hungariei 13: 377;  
 Fig. 20 [Described, catalogued, illustrated]<sup>2, 3</sup>  
 1925 *Apia lineolata* Baker, Treubia 6: 290; Pl. VII, Figs. 21a-d  
 [Notes, illustrated]<sup>2</sup>  
 1927 *Apia lineolata* Baker, Philippine Jour. Sci. 32: 394 [Notes]<sup>2, 4, 5,</sup>  
<sup>6, 7</sup>

LOCALITIES: <sup>1</sup> Malay Peninsula. <sup>2</sup> Singapore Island. <sup>3</sup> British Malaya. <sup>4</sup> Sipora  
 Island. <sup>5</sup> Siberut Island. <sup>6</sup> North Pagi. <sup>7</sup> Mentawai Islands.

### Genus *Virgilia* Stål

HAPLOTYPE *Virgilia nigropicta* [n. sp.] 1870 Stål, Öfv. Svenska Vet.  
 Akad. Förh. 27: 752

TYPE *V[irgilia] nigropicta* 1915 Meliehar, Ann. Mus. Nat. Hungariei  
 13: 378

- Virgilia* 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 752  
 [gen. n.]  
 1882 Seudder, Bull. United States Nat. Mus. 19: 335  
 [Listed]  
 1915 Meliehar, Ann. Mus. Nat. Hungarici 13: 378  
 [Described, catalogued] :373 [Key]  
 1925 Baker, Treubia 6: 275 [Key] :271, 272, 290  
 [Comparative notes] :281 [Notes, key to species]  
 1931 Muir, Rec. Australian Mus. 18: 78 [Comparative  
 note]  
 1940 Neave, Nomenclator Zoologicus 4: 642 [Cata-  
 logued]



1940 Schulze, Kükenthal and Heider, Nomenclator  
Animalium 5 (25) :3642 [Catalogued]

**luzonensis** Baker

- 1925 *Virgilia luzonensis* Baker, Treubia 6: 282; Pl. IV, Figs. 11a-e  
[n. sp., key, illustrated, comparative note]<sup>1</sup>  
1928 *Virgilia luzonensis* Uichanco, Ann. Conv. Philippine Sugar.  
Assoc. 6: 70 (6) [Economics]<sup>2</sup>  
1953 *Virgilia luzonensis* Box, List of sugar-cane insects 1953: 43  
[Parasites]<sup>2</sup>

LOCALITIES: <sup>1</sup> Luzon. <sup>2</sup> Philippines.

**nigropicta** Stål

- 1870 *Virgilia nigropicta* Stål, Öfv. Svenska Vet. Akad. Förh. 27: 753;  
Pl. IX, Fig. 29 [n. sp., illustrated]<sup>1</sup>  
1915 *Virgilia nigropicta* Melichar, Ann. Mus. Nat. Hungarici 13: 378  
[Described, catalogued]<sup>1</sup>  
1923 *Virgilia nigropicta* Muir, Proc. Hawaiian Ent. Soc. 5: 239; Pl. V,  
Figs. 19, 19a-b [♂ genitalia illustrated]  
1925 *Virgilia nigropicta* Baker, Treubia 6: 281 [Key] :282; Pl. IV,  
Figs. 10a-d [Notes, illustrated, comparative notes]<sup>2</sup>

LOCALITIES: <sup>1</sup> Philippines. <sup>2</sup> Mindanao.

**Genus Pseudocorethrura** Melichar

ORTHOTYPE *P[sseudocorethrura] funebris* 1915 Melichar, Ann. Mus. Nat.  
Hungarici 13: 379

- Pseudocorethrura* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 379  
[gen. n.] :373 [Key]  
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
1935 Schulze, Kükenthal and Heider, Nomenclator  
Animalium 4 (21) :2902 [Catalogued]  
1940 Neave, Nomenclator Zoologicus 3: 978 [Cata-  
logued]

**funebris** Stål

- 1863 *Corethrura funebris* Stål, Trans. Ent. Soc. London (3) 1: 589  
[n. sp.]<sup>1</sup>  
1870 *Corethrura funebris* Walker, Jour. Linnean Soc. Zool. 10: 133;  
Pl. 3, Fig. 8 [Illustrated, catalogued]<sup>1</sup>  
1901 *Corethrura funebris* Breddin, Abh. Nat. Ges. Halle 24: 32 [Cata-  
logued]<sup>1</sup>  
1915 *Pseudocorethrura funebris* Melichar, Ann. Mus. Nat. Hungarici  
13: 379 [Described, catalogued]<sup>1</sup> Equals *Corethrura funebris* Stål

LOCALITIES: <sup>1</sup> Celebes.



Genus *Katoma* Baker

HAPLOTYPE *Katoma trichurens* [n. sp.] 1925 Baker, Treubia 6: 283

- Katoma* 1925 Baker, Treubia 6: 283 [gen. n.] :275 [Key] :296  
[Comparative notes]  
1939 Neave, Nomenclator Zoologicus 2: 821 [Catalogued]

*trichurens* Baker

1925 *Katoma trichurens* Baker, Treubia 6: 283; Pl. IV, Figs. 12a-d  
[n. sp., illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Travancore.

Genus *Aluma* Distant

ORTHOTYPE *Aluma ocellata* [n. sp.] 1909 Distant, Rec. Indian Mus.  
3: 169

TYPE *A[luma] ocellata* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 366

- Aluma* 1909 Distant, Rec. Indian Mus. 3: 169 [gen. n.]  
1915 Melichar, Ann. Mus. Nat. Hungarici 13: 366  
[Described, catalogued, key to species] :356 [Key]  
1926 Schulze, Kükenthal and Heider, Nomenclator  
Animalium 1 (1) :118 [Catalogued]  
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
1939 Neave, Nomenclator Zoologicus 1: 129 [Catalogued]

*exigua* Melichar

1915 *Aluma exigua* Melichar, Ann. Mus. Nat. Hungarici 13: 367  
[n. sp.]<sup>1</sup> :366 [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup> Carin-Cheba.

*ocellata* Distant

- 1909 *Aluma ocellata* Distant, Rec. Indian Mus. 3: 169; Pl. XI, Figs.  
3, 3a [n. sp., illustrated]<sup>1</sup>  
1915 *Aluma ocellata* Melichar, Ann. Mus. Nat. Hungarici 13: 366;  
Fig. 14 [Described, key, catalogued, illustrated]<sup>1</sup>  
1939 *Aluma ocellata* Lallemant, Ann. Mag. Nat. Hist. (11) 4: 71  
[Listed]<sup>2</sup>

LOCALITIES: <sup>1</sup> Borneo. <sup>2</sup> Sarawak.

Genus *Painella* Muir

ORTHOTYPE *Painella harti* [n. sp.] 1931 Muir, Rec. Australian Mus.  
18: 77



- Painella* 1931 Muir, Rec. Australian Mus. 18: 77 [gen. n.]  
 1940 Neave, Nomenclator Zoologicus 3: 523 [Catalogued]

**harti** Muir

- 1931 *Painella harti* Muir, Rec. Australian Mus. 18: 78; Figs. 24, 25  
 [n. sp., illustrated]<sup>1, 2</sup> :80 [Comparative note]  
 LOCALITIES: <sup>1</sup> Solomon Islands. <sup>2</sup> Guadalcanal.

**simmondsi** Muir

- 1931 *Painella simmondsi* Muir, Rec. Australian Mus. 18: 80; Figs.  
 26–28 [n. sp., illustrated]<sup>1, 2, 3</sup>  
 LOCALITIES: <sup>1</sup> Solomon Islands. <sup>2</sup> New Georgia. <sup>3</sup> Guadalcanal.

Genus **Buxtoniella** Muir

LOGOTYPE *Buxtoniella hopkinsi*

- Buxtoniella* 1927 Muir, Insects of Samoa and other Samoan Terrestrial Arthropoda 1 (2) :23 [gen. n.]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1931 Muir, Rec. Australian Mus. 18: 78 [Comparative note]  
 1939 Neave, Nomenclator Zoologicus 1: 506 [Catalogued]  
 1949 Fennah, Ann. Mag. Nat. Hist. (12) 2: 118 [Comparative note]

**bryani** Muir

- 1927 *Buxtoniella bryani* Muir, Insects of Samoa and other Samoan Terrestrial Arthropoda 1 (2) :25 [n. sp.]<sup>1</sup> :3 [Listed]<sup>1</sup>  
 LOCALITIES: <sup>1</sup> Savaii Island.

**hopkinsi** Muir

- 1927 *Buxtoniella hopkinsi* Muir, Insects of Samoa and other Samoan Terrestrial Arthropoda 1 (2) :24; Figs. 20–25 [n. sp., food plants, illustrated]<sup>1</sup> :25 [Comparative note] :3 [Listed]<sup>1</sup>  
 LOCALITIES: <sup>1</sup> Upola Island.

Genus **Magia** Distant

ORTHOTYPE *Magia subocellata* [n. sp.] 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 288

- Magia* 1907 Distant, Ann. Mag. Nat. Hist. (7) 19: 288 [gen. n.]  
 1914 Melichar, Monographie der Tropiduchinen 1914: 3 [Described, catalogued]





- 1915 Meliehar, Verh. Naturf. Ver. Brünn 53: 84 [Described, catalogued]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1931 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (15): 1953 [Catalogued]  
 1940 Neave, Nomenclator Zoologicus 3: 27 [Catalogued]

**subocellata** Distant

- 1907 *Magia subocellata* Distant, Ann. Mag. Nat. Hist. (7) 19: 288 [n. sp.]<sup>1</sup>  
 1907 *Magia subocellata* Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 97 [Catalogued]  
 1914 *Magia subocellata* Meliehar, Monographie der Tropiduchinen 1914: 3 [Listed]<sup>1</sup>  
 1915 *Magia subocellata* Meliehar, Verh. Naturf. Ver. Brünn 53: 84 [Listed]<sup>1</sup>

LOCALITIES: <sup>1</sup> Queensland.

**Tribe ELICAINI** Meliehar**Elicaini**

- 1915 Meliehar, Ann. Mus. Nat. Hungarici 13: 379 *Tribe* [Described, key to genera] :338 *Tribe* [Key]  
 1925 Baker, Treubia 6: 272 *Tribe* [Notes]  
 1926 Haupt, Philippine Jour. Sci. 29: 434 [A new species from the Philippines]

**Genus Elica** Walker

HAPLOTYPE *Elica latipennis* [n. sp.] 1857 Walker, Jour. Proc. Linn. Soc. 1: 86

TYPE *E[lica] latipennis* 1915 Meliehar, Ann. Mus. Nat. Hungarici 13: 380

**Elica**

- 1857 Walker, Jour. Proc. Linn. Soc. 1: 86 [gen. n.]  
 1859 Dohrn, Catalogus Hemipterorum 1859: 59 [Listed]  
 1873 Marsehall, Nomenclator Zoologicus 1873: 363 [Catalogued]  
 1882 Seudder, Bull. United States Nat. Mus. 19: 109 [Listed]  
 1886 Atkinson, Jour. Asiatic Soc. Bengal 55: 39 [Described, catalogued]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 93 [Listed]



- 1914 Melichar, Monographie der Tropiduchinen 1914: 3 [Notes]  
 1915 Melichar, Verh. Naturf. Ver. Brünn 53: 84 [Notes]  
 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 380 [Described, catalogued] :379 [Key]  
 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (10) :1120 [Catalogued]  
 1939 Neave, Nomenclator Zoologicus 2: 211 [Catalogued]  
 1947 Metcalf, Proc. Ent. Soc. Washington 49: 238 [Comparative note]

**latipennis** Walker

- 1857 *Elica latipennis* Walker, Jour. Proc. Linn. Soc. 1: 86; Pl. IV, Figs. 4, 4a-b [n. sp., illustrated]<sup>1</sup>  
 1859 *Elica latipennis* Dohrn, Catalogus Hemipterorum 1859: 59 [Listed]<sup>1</sup>  
 1886 *Elica latipennis* Atkinson, Jour. Asiatic Soc. Bengal 55: 39 [Described, catalogued]<sup>1</sup>  
 1915 *Elica latipennis* Melichar, Ann. Mus. Nat. Hungarici 13: 381; Fig. 21 [Described, catalogued, illustrated]<sup>1, 2</sup>

LOCALITIES: <sup>1</sup> Malacca. <sup>2</sup> Singapore Island.

**Genus Epiptyxis** Gerstaecker

HAPLOTYPE *Epiptyxis plebja* [n. sp.] 1895 Gerstaecker, Mitth. Naturw. Ver. Greifswald 27: 31

TYPE *E[piptyxis] plebeja* 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 383

- Epiptyxis** 1895 Gerstaecker, Mitth. Naturw. Ver. Greifswald 27: 31 [gen. n.]  
 1914 Melichar, Monographie der Tropiduchinen 1914: 2, 3 [Taxonomy]  
 1915 Melichar, Verh. Naturf. Ver. Brünn 53: 83, 84 [Taxonomy]  
 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 383 [Described, catalogued] :380 [Key]  
 1929 Haupt, Zool. Jahrb. Syst. Ökol. 58: 203; Fig. 23 [Morphology of head, illustrated]  
 1929 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (10) :1174 [Catalogued]  
 1939 Neave, Nomenclator Zoologicus 2: 269 [Catalogued]



**plagiata** Haupt1926 *Epiptyxis plagiata* Haupt, Philippine Jour. Sci. 29: 434 [n. sp.]<sup>1</sup>LOCALITIES: <sup>1</sup> Mindanao.**plebeja** Gerstaecker1895 *Epiptyxis plebeja* Gerstaecker, Mitth. Naturw. Ver. Greifswald 27: 31 [n. sp.]<sup>1</sup>1914 *Epiptyxis plebeja* Melichar, Notes Leyden Mus. 36: 104; Pl. 3, Figs. 6, 6a [Described, catalogued, illustrated]<sup>1</sup>1914 *E[piptyxis] plebeja* Melichar, Monographie der Tropicuchinen 1914: 3 [Listed]<sup>1</sup>1915 *E[piptyxis] plebeja* Melichar, Verh. Naturf. Ver. Brünn 53: 84 [Listed]<sup>1</sup>1915 *Epiptyxis plebeja* Melichar, Ann. Mus. Nat. Hungarici 13: 383 [Described, catalogued]<sup>1</sup>1917 *E[piptyxis] plebeja* Haupt, Stett. Ent. Zeit. 78: 308 [Comparative note]LOCALITIES: <sup>1</sup> Java.**serrata** Haupt1917 *Epiptyxis serrata* Haupt, Stett. Ent. Zeit. 78: 308; Fig. 2 [n. sp., illustrated]<sup>1</sup>1926 *E[piptyxis] serrata* Haupt, Philippine Jour. Sci. 29: 434 [Comparative note]<sup>1</sup>LOCALITIES: <sup>1</sup> Celebes.Genus **Conna** WalkerHAPLOTYPE *Conna guttifera* [n. sp.] 1857 Walker, Jour. Proc. Linn. Soc. 1: 89**Conna**

1857 Walker, Jour. Proc. Linn. Soc. 1: 89 [gen. n.]

1859 Dohrn, Catalogus Hemipterorum 1859: 60 [Listed]

1873 Marshall, Nomenclator Zoologicus 1873: 359 [Catalogued]

1882 Scudder, Bull. United States Nat. Mus. 19: 76 [Listed]

1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 93 [Listed]

1914 Melichar, Monographie der Tropicuchinen 1914: 3 [Notes] Equals *Micromasoria* [nec Kirk.]1915 Melichar, Verh. Naturf. Ver. Brünn 53: 84 [Notes] Equals *Micromasoria* [nec Kirk.]**Micromasoria**

1915 Melichar, Ann. Mus. Nat. Hungarici 13: 381



- [Described, catalogued] Equals *Conna* Walk. :379 [Key]  
*Conna* 1927 Schulze, Kükenthal and Heider, Nomenclator Animalium 2 (7) :776 [Catalogued]  
 1939 Neave, Nomenclator Zoologicus 1: 818 [Catalogued]

***guttifera* Walker**

- 1857 *Conna guttifera* Walker, Jour. Proc. Linn. Soc. 1: 90 [n. sp.]<sup>1</sup>  
 1859 *Conna guttifera* Dohrn, Catalogus Hemipterorum 1859: 60 [Listed]<sup>2</sup>  
 1915 *Micromasoria guttifera* Melichar, Ann. Mus. Nat. Hungarici 13: 382 [Described, catalogued]<sup>2</sup> Equals *Conna guttifera* Walk.  
 LOCALITIES: <sup>1</sup> British Malaya. <sup>2</sup> Malacca.

**Genus *Kusuma* Distant**

- ORTHOTYPE *Kusuma carinata* [n. sp.] 1906 Distant, Fauna of British India 3: 329  
 TYPE *K[usuma] carinata* 1914 Melichar, Monographie der Tropiduchinen 1914: 55  
 TYPE *K[usuma] carinata* 1915 Melichar, Verh. Naturf. Ver. Brünn 53: 136  
 TYPE *Kusuma carinata* 1925 Hesse, Ann. South African Mus. 23: 158  
*Kusuma* 1906 Distant, Fauna of British India 3: 329 [gen. n.] :318 [Key]  
 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 92, 97 [Listed] :93 [Comparative note]  
 1914 Melichar, Monographie der Tropiduchinen 1914: 55 [Described, catalogued] :16 [Key] :141 [Listed]  
 1915 Melichar, Verh. Naturf. Ver. Brünn 53: 136 [Described, catalogued] :97 [Key] :222 [Listed]  
 1916 Distant, Fauna of British India 6: 85 [Listed] :53 [Taxonomy]  
 1925 Hesse, Ann. South African Mus. 23: 158 [Catalogued, new species from Southwest Africa]  
 1930 Schulze, Kükenthal and Heider, Nomenclator Animalium 3 (13) :1738 [Catalogued]  
 1939 Neave, Nomenclator Zoologicus 2: 839 [Catalogued]

***aethiopica* Hesse**

- 1925 *Kusuma aethiopica* Hesse, Ann. South African Mus. 23: 158; Pl. VII, Fig. 8 [n. sp., illustrated]<sup>1</sup>  
 LOCALITIES: <sup>1</sup> Ovamboland.



**carinata** Distant .

- 1906 *Kusuma carinata* Distant, Fauna of British India 3: 330; Fig. 164 [n. sp., illustrated]<sup>1, 2</sup>
- 1914 *Kusuma carinata* Melichar, Monographie der Tropiduchinen 1914: 56 [Described, catalogued]<sup>1, 2</sup>: 141 [Listed]<sup>1</sup>
- 1915 *Kusuma carinata* Melichar, Verh. Naturf. Ver. Brünn 53: 137 [Described, catalogued]<sup>1, 2</sup>: 222 [Listed]<sup>1</sup>
- 1916 *Kusuma carinata* Distant, Fauna of British India 6: 85 [Notes, food plants]<sup>2, 3, 4, 5</sup>
- 1925 *K[usuma] carinata* Hesse, Ann. South African Mus. 23: 159 [Comparative note]
- 1953 *Kusuma carinata* Box, List of sugar-cane insects 1953: 43 [Parasites]<sup>1, 3</sup>

LOCALITIES: <sup>1</sup> India. <sup>2</sup> Bombay. <sup>3</sup> Bihar. <sup>4</sup> United Provinces. <sup>5</sup> Bengal.

**Genus Zeleja** Melichar

ORTHOTYPE *Z[eleja] solitaria* [n. sp.] 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 383

- Zeleja** 1915 Melichar, Ann. Mus. Nat. Hungarici 13: 383 [gen. n.] : 380 [Key]
- 1940 Neave, Nomenclator Zoologicus 4: 695 [Catalogued]
- 1952 China and Fennah, Ann. Mag. Nat. Hist. (12) 5: 196 [Comparative note]

**solitaria** Melichar

- 1915 *Zeleja solitaria* Melichar, Ann. Mus. Nat. Hungarici 13: 384; Fig. 22 [n. sp., illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Borneo.

**Genus Silvanana** Metcalf

ORTHOTYPE *Silvanana omani* [n. sp.] 1947 Metcalf, Proc. Ent. Soc. Washington 49: 238

- Silvanana** 1947 Metcalf, Proc. Ent. Soc. Washington 49: 238 [gen. n.]
- 1949 Fennah, Ann. Mag. Nat. Hist. (12) 2: 115 [Taxonomy]

**omani** Metcalf

- 1947 *Silvanana omani* Metcalf, Proc. Ent. Soc. Washington 49: 240; Pl. 20, Figs. 1-9 [n. sp., food plants, illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Bahía.



## Subfamily ACARNINAE Baker

- Acarninae 1925 Baker, Treubia 6: 273 *Subfamily* [Key] :271  
[Notes] :290 [Described, key to genera]  
*Acarinae* [sic] 1939 Metcalf, Jour. Soc. Biol. Nat. Hist. 1: 247 [Listed]  
Acarninae 1944 Metcalf, A Bibliography of the Homoptera 2: 146  
[Listed]  
1952 Metcalf, Jour. Washington Acad. Sci. 42: 227  
*Subfamily* [Listed]

## Tribe ACARNINI Metcalf

- Acarnini 1952 Metcalf, Jour. Washington Acad. Sci. 42: 227  
*Tribe* [Listed]

Genus *Kasserota* Distant

ORTHOTYPE *Kasserota notaticollis* 1906 Distant, Ann. Mag. Nat. Hist.  
(7) 18: 350

TYPE *Kasserota notaticollis* 1913 Melichar, Čas. České Spol. Ent. 10:  
151 (1)

- Kasserota* 1906 Distant, Ann. Mag. Nat. Hist. (7) 18: 350 [gen. n.]  
1913 Melichar, Čas České Spol. Ent. 10: 151 (1); 1  
Fig. [Described, catalogued, illustrated] Equals  
*Acarina* Stål (in part.) :156 (6) [Key to species]  
1914 Distant, Trans. Zool. Soc. London 20: 348 [Cata-  
logued]  
1914 Melichar, Philippine Jour. Sci. 9: 281 [Compara-  
tive note]  
1914 Melichar, Monographie der Tropiduchinen 1914: 3  
[Comparative note]  
1915 Melichar, Verh. Naturf. Ver. Brünn 53: 84 [Com-  
parative note]  
1916 Oshanin, Horae Soc. Ent. Rossicae 42: 86 [Bibli-  
ography]  
1925 Baker, Treubia 6: 271, 272, 291 [Notes] :291  
[Key] :290, 296 [Comparative notes] :292 [Notes,  
key to species]  
1927 Muir, Insects of Samoa and other Samoan Ter-  
restrial Arthropoda 1 (2) :24 [Comparative note]  
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
1930 Schulze, Kükenthal and Heider, Nomenclator  
Animalium 3 (13) :1722 [Catalogued]



- 1932 Brues and Melander, Bull. Mus. Comp. Zool. Harvard Coll. **73**: 121 [Listed]  
 1939 Neave, Nomenclator Zoologicus **2**: 820 [Catalogued]  
 1944 Metcalf, A Bibliography of the Homoptera **2**: 146 [Bibliography]  
 1954 Brues, Melander, and Carpenter, Bull. Mus. Comp. Zool. Harvard Coll. **108**: 155 [Listed]

—Distant (var.) [*albosparsa*]. See *Megacarna albosparsa* var.—Distant  
*albosparsa* Melichar. See *Megacarna albosparsa* Melichar.  
*albosparsa* var.—Distant. See *Megacarna albosparsa* var.—Distant

**antica** Melichar

- 1913 *Kasserota antica* Melichar, Čas. České Spol. Ent. **10**: 155 (5)  
 [n. sp.]<sup>1</sup> :157 (7) [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup> New Guinea.

**bellicosa** Melichar

- 1913 *Kasserota bellicosa* Melichar, Čas. České Spol. Ent. **10**: 156 (6)  
 [n. sp.]<sup>1</sup> :158 (8) [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup> New Guinea.

**conviva** Stål

- 1863 *Acarua conviva* Stål, Trans. Ent. Soc. London (3) **1**: 585 [n. sp., key]<sup>1</sup>  
 1870 *Acarua conviva* Walker, Jour. Linnean Soc. Zool. **10**: 100 [Catalogued]<sup>1</sup>  
 1913 *Kasserota conviva* Melichar, Čas. České Spol. Ent. **10**: 152 (2)  
 [Described, catalogued]<sup>1</sup> Equals *Acarua conviva* Stål :158 (8)  
 [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup> Mysol.

**doreyensis** Distant

- 1906 *Kasserota doreyensis* Distant, Ann. Mag. Nat. Hist. (7) **18**: 350  
 [n. sp.]<sup>1</sup>  
 1913 *Kasserota doreyensis* Melichar, Čas. České Spol. Ent. **10**: 154 (4)  
 [Described, catalogued]<sup>2</sup> :157 (7) [Key]<sup>2</sup>  
 1914 *K[asserota] doreyensis* Distant, Trans. Zool. Soc. London **20**:  
 348 [Comparative note]

LOCALITIES: <sup>1</sup> Dutch New Guinea. <sup>2</sup> New Guinea.

**fasciata** Melichar

- 1913 *Kasserota fasciata* Melichar, Čas. České Spol. Ent. **10**: 155 (5)  
 [n. sp.]<sup>1</sup> :157 (7) [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup> New Guinea.



**illingworthi** Baker

1925 *Kasserota illingworthi* Baker, Treubia 6: 295; Pl. VIII, Figs. 25a-d [n. sp., illustrated]<sup>1</sup> :293 [Key]

LOCALITIES: <sup>1</sup> Northern Queensland.

**mahua** Melichar

1913 *Kasserota mahua* Melichar, Čas. České Spol. Ent. 10: 156 (6) [n. sp.]<sup>1</sup> :157 (7) [Key]<sup>1</sup>

LOCALITIES: <sup>1</sup> New Guinea.

**notaticollis** Stål

1863 *Acarna notaticollis* Stål, Trans. Ent. Soc. London (3) 1: 584 [n. sp., key]<sup>1</sup> :585 [Comparative note]

1870 *Acarna notaticollis* Walker, Jour. Linnean Soc. Zool. 10: 100; Pl. 3, Fig. 9 [Illustrated, catalogued]<sup>1</sup>

1870 *Acarna subapicalis* Walker, Jour. Linnean Soc. Zool. 10: 101 [n. sp.]<sup>2</sup>

1906 *Kasserota notaticollis* Distant, Ann. Mag. Nat. Hist. (7) 18: 350 [Catalogued] Equals *Acarna notaticollis* Stål Equals *Acarna subapicalis* Walk.

1913 *Kasserota notaticollis* Melichar, Čas. České Spol. Ent. 10: 152 (2) [Described, catalogued]<sup>1</sup> Equals *Acarna notaticollis* Stål Equals *Acarna subapicalis* Walk. :153 (3) [Comparative note] :156 (6) [Key]<sup>1</sup>

1925 *Kasserota notaticollis* Baker, Treubia 6: 294 [Comparative notes]<sup>1</sup>

LOCALITIES: <sup>1</sup> Batjan. <sup>2</sup> Morty.

**orba** Stål

1863 *Acarna orba* Stål, Trans. Ent. Soc. London (3) 1: 585 [n. sp., key]<sup>1</sup>

1870 *Acarna orba* Walker, Jour. Linnean Soc. Zool. 10: 100 [Catalogued]<sup>1</sup>

1913 *Kasserota orba* Melichar, Čas. České Spol. Ent. 10: 153 (3) [Described, catalogued]<sup>1</sup> Equals *Acarna orba* Stål :157 (7) [Key]<sup>1</sup> :156 (6) [Comparative note]

1925 *Kasserota orba* Baker, Treubia 6: 294 [Comparative notes]

LOCALITIES: <sup>1</sup> Mysol.

**pupillata** Stål

1863 *Acarna pupillata* Stål, Trans. Ent. Soc. London (3) 1: 586 [n. sp., key]<sup>1</sup>

1870 *Acarna pupillata* Walker, Jour. Linnean Soc. Zool. 10: 100 [Catalogued]<sup>1</sup>

1906 *K[asserota] pupillata* Distant, Ann. Mag. Nat. Hist. (7) 18: 350 [Comparative note]



- 1913 *Kasserota pupillata* Melichar, Čas. České Spol. Ent. 10: 153 (3)  
[Described, catalogued]<sup>1</sup> Equals *Acarina pupillata* Stål :157  
(7) [Key]<sup>1</sup>
- 1914 *K[asserota] pupillata* Distant, Trans. Zool. Soc. London 20: 348  
[Comparative note]
- LOCALITIES: <sup>1</sup> New Guinea.
- senilis** Baker
- 1925 *Kasserota senilis* Baker, Treubia 6: 294; Pl. VIII, Fig. 24 [n. sp.,  
illustrated]<sup>1</sup> :293 [Key]
- LOCALITIES: <sup>1</sup> Oby.
- septemmaculata** Baker
- 1925 *Kasserota septemmaculata* Baker, Treubia 6: 293; Pl. VI, Figs.  
23a-d [n. sp., key, illustrated]<sup>1</sup> :294 [Comparative notes]
- LOCALITIES: <sup>1</sup> New Guinea.
- subocellata** Melichar
- 1913 *Kasserota subocellata* Melichar, Čas. České Spol. Ent. 10: 156  
(6) [n. sp.]<sup>1</sup> :157 (7) [Key]<sup>1</sup>
- LOCALITIES: <sup>1</sup> New Guinea.
- ustulata** Stål
- 1863 *Acarina ustulata* Stål, Trans. Ent. Soc. London (3) 1: 585 [n.  
sp., key]<sup>1</sup>
- 1913 *Kasserota ustulata* Melichar, Čas. České Spol. Ent. 10: 153 (3)  
[Described, catalogued]<sup>1</sup> Equals *Acarina ustulata* Stål :158 (8)  
[Key]<sup>1</sup> :156 (6) [Comparative note]
- LOCALITIES: <sup>1</sup> Aru Islands.
- vitrea** Melichar
- 1913 *Kasserota vitrea* Melichar, Čas. České Spol. Ent. 10: 155 (5)  
[n. sp.]<sup>1</sup> :157 (7) [Key]<sup>1</sup>
- 1925 *K[asserota] vitrea* Baker, Treubia 6: 295 [Comparative notes]
- LOCALITIES: <sup>1</sup> New Guinea.

### Genus *Megacarna* Baker

ORTHOTYPE *Kasserota albosparsa* 1925 Baker, Treubia 6: 295

- Megacarna** 1925 Baker, Treubia 6: 295 [gen. n.] :291 [Key] :290  
[Comparative notes]
- 1940 Neave, Nomenclator Zoologicus 3: 65 [Catalogued]

—Distant (var.) [*albosparsa*]. See *Megacarna albosparsa* var.—Distant.

### **albosparsa** Melichar

- 1913 *Kasserota albosparsa* Melichar, Čas. České Spol. Ent. 10: 155  
(5) [n. sp.]<sup>1</sup> :158 (8) [Key]<sup>1</sup>



1914 *Kasserota albosparsa* Distant, Trans. Zool. Soc. London 20: 348 [Described, catalogued]<sup>2</sup>

1925 *Megacarna albosparsa* Baker, Treubia 6: 295 [Notes]<sup>1</sup> Equals *Kasserota albosparsa* Mel. :296; Pl. VIII, Figs. 26a-c [Described, illustrated]

LOCALITIES: <sup>1</sup> New Guinea. <sup>2</sup> Dutch New Guinea.

*albosparsa* var.—Distant

1914 *Kasserota albosparsa* var.—Distant, Trans. Zool. Soc. London 20: 348 [n. var.]<sup>1</sup>

LOCALITIES: <sup>1</sup> Dutch New Guinea.

### Genus *Meloenopia* Metcalf

ORTHOTYPE *Oenopia princeps* 1952 Metcalf, Jour. Washington Acad. Sci. 42: 227

[*Oenopia* Melichar]

[ORTHOTYPE *Oenopia princeps* [n. sp.] 1913 Melichar, Čas. České Spol. Ent. 10: 158 (8)]

*Oenopia* 1913 Melichar, Čas. České Spol. Ent. 10: 158 (8) [gen. n.]

1916 Oshanin, Horae Soc. Ent. Rossicae 42: 86 [Bibliography]

1925 Baker, Treubia 6: 271 [Notes] :290, 291 [Comparative notes]

*Oenopea* [sic] 1925 Baker, Treubia 6: 291 [Key]

*Oenopia* 1933 Schulze, Kükenthal and Heider, Nomenclator Animalium 4 (17) :2319 [Catalogued]

1940 Neave, Nomenclator Zoologicus 3: 395 [Catalogued]

1944 Metcalf, A Bibliography of the Homoptera 2: 146 [Bibliography]

*Meloenopia* 1952 Metcalf, Jour. Washington Acad. Sci. 42: 227 Nom. nov. pro *Oenopia* Melichar [1913] [nec *Oenopia* Mulsant 1850] [Catalogued]

*princeps* Melichar

1913 *Oenopia princeps* Melichar, Čas. České Spol. Ent. 10: 159 (9); 1 fig. [n. sp., illustrated]<sup>1</sup>

1952 [*Meloenopia princeps*] Metcalf, Jour. Washington Acad. Sci. 42: 228 Equals *Oenopia princeps* Mel.

LOCALITIES: <sup>1</sup> Key Islands.



Genus *Acarna* StålLOGOTYPE *Acarna rostrifera* 1925 Baker, Treubia 6: 291

- Acarna* 1863 Stål, Trans. Ent. Soc. London (3) 1: 583 [gen. n., key to species]  
 1870 Walker, Jour. Linnean Soc. Zool. 10: 100 [Listed]  
 1873 Marshall, Nomenclator Zoologicus 1873: 351 [Catalogued]  
 1882 Seudder, Bull. United States Nat. Mus. 19: 3 [Listed]  
 1906 Distant, Ann. Mag. Nat. Hist. (7) 18: 350 [Comparative note]  
 1913 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 12: 17 [Comparative note]  
 1913 Melichar, Čas. České Spol. Ent. 10: 151 (1) [Comparative note]  
*Acarua* [sic] 1914 Melichar, Philippine Jour. Sci. 9: 281 [Comparative note]  
*Acarna* 1925 Baker, Treubia 6: 271, 272, 281 [Notes] :290 [Comparative notes] :291 [Key, notes]  
 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (1) :21 [Catalogued]  
 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 478 [Key]  
 1939 Neave, Nomenclator Zoologicus 1: 23 [Catalogued]  
 1944 Metcalf, A Bibliography of the Homoptera 2: 146 [Bibliography]

*conviva* Stål. See *Kasserota conviva* Stål.**karnyi** Baker

- 1925 *Acarna karnyi* Baker, Treubia 6: 292; Pl. VII, Figs. 22a-d [n. sp., illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Papua.*notaticollis* Stål. See *Kasserota notaticollis* Stål.*orba* Stål. See *Kasserota orba* Stål.*pupillata* Stål. See *Kasserota pupillata* Stål.**rostrifera** Stål

- 1863 *Acarna rostrifera* Stål, Trans. Ent. Soc. London (3) 1: 584 [n. sp., key]<sup>1</sup> :585 [Comparative note]  
 1870 *Acarna rostrifera* Walker, Jour. Linnean Soc. Zool. 10: 100; Pl. 3, Fig. 9 [Illustrated, catalogued]<sup>1</sup>  
 1888 *A[carna] rostrifera* Distant, Trans. Ent. Soc. London 1888: 488 [Comparative note]<sup>1</sup>



1925 *Acarna rostrifera* Baker, Treubia 6: 291 [Listed]<sup>1</sup> :292 [Comparative notes]

LOCALITIES: <sup>1</sup> Mysol.

*subapicalis* Walker. See *Kasserota notaticollis* Stål.

**tessellata** Distant

1888 *Acarna tessellata* Distant, Trans. Ent. Soc. London 1888: 488; Pl. XIII, Fig. 7 [n. sp., illustrated]<sup>1</sup>

1925 *Acarna* (?) *tessellata* Baker, Treubia 6: 291 [Notes]<sup>1</sup>

LOCALITIES: <sup>1</sup> New Guinea.

*ustulata* Stål. See *Kasserota ustulata* Stål.

**Tribe AUGILINI** Baker

*Augilinae* 1915 Baker, Philippine Jour. Sci. 10: 141 *Subfamily* [Described, key to genera]

1944 Metcalf, A Bibliography of the Homoptera 2: 147 [Bibliography]

**Genus Ucayalia** Fennah

ORTHOTYPE *U[cayalia] nigrovittata* [n. sp.] 1944 Fennah, American Mus. Nov. 1265: 7

*Ucayalia* 1944 Fennah, American Mus. Nov. 1265: 7 [gen. n.]  
1950 Neave, Nomenclator Zoologicus 5: 285 [Catalogued]

**nigrovittata** Fennah

1944 *Ucayalia nigrovittata* Fennah, American Mus. Nov. 1265: 8; Figs. 34-39 [n. sp., illustrated]<sup>1, 2</sup>

LOCALITIES: <sup>1</sup> Peru. <sup>2</sup> Loreto.

**Genus Augilina** Melichar

ORTHOTYPE *Augilina longipes* [n. sp.] 1914 Melichar, Philippine Jour. Sci. 9: 276

ORTHOTYPE *Augilina longipes* 1915 Baker, Philippine Jour. Sci. 10: 141

*Augilina* 1914 Melichar, Philippine Jour. Sci. 9: 276 [gen. n.]  
1915 Baker, Philippine Jour. Sci. 10: 141 [Key]  
1926 Schulze, Kükenthal and Heider, Nomenclator Animalium 1 (3) :333 [Catalogued]  
1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 477 [Listed]  
1939 Neave, Nomenclator Zoologicus 1: 356 [Catalogued]



**longipes** Melichar

1914 *Augilina longipes* Melichar, Philippine Jour. Sci. 9: 276; Pl. I, Figs. 8, 8a-b [n. sp., illustrated]<sup>1</sup>

1915 *A[ugilina] longipes* Baker, Philippine Jour. Sci. 10: 141 [Listed]

LOCALITIES: <sup>1</sup> Luzon.

**Genus Augila** Stål

HAPLOTYPE *Augila sulciceps* [n. sp.] 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 754

TYPE *A[ugila] sulciceps* 1906 Distant, Fauna of British India 3: 335

- Augila* 1870 Stål, Öfv. Svenska Vet. Akad. Förh. 27: 754 [gen. n.]
- 1882 Scudder, Bull. United States Nat. Mus. 19: 33 [Listed]
- 1906 Distant, Fauna of British India 3: 335 [Described, catalogued] :332 [Key]
- 1906 Melichar, Abh. Zool. Bot. Ges. Wien 3: 4 [Key] :6 [Described, catalogued] :316 [List of species]
- 1907 Kirkaldy, Bull. Hawaiian Sugar Pl. Assoc. Div. Ent. 3: 95 [Listed] :121 [Notes]
- 1915 Baker, Philippine Jour. Sci. 10: 140, 141 [Notes] :141 [Key, key to species]
- 1923 Muir, Proc. Hawaiian Ent. Soc. 5: 234 [Taxonomy]
- 1926 Schulze, Kükenthal and Heider, Nomenclator Animalium I (3) :333 [Catalogued]
- 1930 Muir, Ann. Mag. Nat. Hist. (10) 6: 476 [Notes] :478 [Key]
- 1939 Neave, Nomenclator Zoologicus 1: 356 [Catalogued]
- 1944 Metcalf, A Bibliography of the Homoptera 2: 146 [Bibliography]
- 1952 China and Fennah, Ann. Mag. Nat. Hist. (12) 5: 194 [Comparative note]

**angulata** Baker

1915 *Augila angulata* Baker, Philippine Jour. Sci. 10: 143; Pl. II, Figs. 11-13 [n. sp., illustrated]<sup>1</sup> :142 [Key]

LOCALITIES: <sup>1</sup> Luzon.

**binghami** Distant

1906 *Augila binghami* Distant, Fauna of British India 3: 336; Fig. 168 [n. sp., illustrated]<sup>1</sup>



1915 *Augila binghami* Baker, Philippine Jour. Sci. 10: 140 [Listed]  
:142 [Key] :143 [Comparative note]

LOCALITIES: <sup>1</sup> Tenasserim.

**negrosensis** Baker

1915 *Augila negrosensis* Baker, Philippine Jour. Sci. 10: 143; Pl. II,  
Figs. 18-21 [n. sp., illustrated]<sup>1</sup> :142 [Key, comparative note]

LOCALITIES: <sup>1</sup> Negros.

**sulciceps** Stål

1870 *Augila sulciceps* Stål, Öfv. Svenska Vet. Akad. Förh. 27: 755;  
Pl. IX, Fig. 30 [n. sp., illustrated]<sup>1</sup>

1906 *Augila sulciceps* Distant, Fauna of British India 3: 335 [Listed]<sup>1</sup>

1906 *Augila sulciceps* Melichar, Abh. Zool. Bot. Ges. Wien 3: 7; Fig. 1  
[Described, illustrated, catalogued]<sup>1</sup> :316 [Listed]<sup>1</sup>

1915 *Augila sulciceps* Baker, Philippine Jour. Sci. 10: 140, 141, 143  
[Comparative notes] :141 [Key]

LOCALITIES: <sup>1</sup> Philippines.

**valdesii** Baker

1915 *Augila valdesii* Baker, Philippine Jour. Sci. 10: 142; Pl. II, Figs.  
14-17 [n. sp., key, illustrated]<sup>1</sup>

LOCALITIES: <sup>1</sup> Luzon.

## GENERIC AND SPECIFIC SYNONYMY

### Genus *Acarua*

*Acarua*. Typographical error for *Acarna* Stål.

### Genus *Astorga* Kirkaldy

*Astorga* Kirkaldy. See *Lophops* Spinola.

*saccharicida* Kirkaldy. See *Lophops saccharicida* Kirkaldy.

*sacharicida*. Typographical error for *Astorga saccharicida* Kirkaldy. See *Lophops saccharicida* Kirkaldy.

### Genus *Brixioides* Kirby

*Brixioides* Kirby. See *Lophops* Spinola.

*africanus* Schmidt. See *Lophops africana* Schmidt.

*carinatus* Kirby. See *Lophops carinata* Kirby.

### Genus *Catara* Walker

*Catara* Walker. See *Necatara* Distant. Family TROPIDUCHIDAE, Fascicle IV,  
Part 11





Genus *Catullia* Stål

*Catullia* Stål. See *Catullia* Stål. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus *Cixiopsis* Matsumura

*Cixiopsis* Matsumura. See *Cixiopsis* Matsumura. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus *Corethura*

*Corethura*. Typographical error for *Corethrura* Hope.

Genus *Cystingocephala* Stål

*Cystingocephala* Stål. See *Lophops* Spinola.

*marginelineata* Stål. See *Lophops servillei* Spinola.

Genus *Elamoscelis*

*Elamoscelis*. Typographical error for *Elasmoscelis* Spinola.

Genus *Elasmocelis*

*Elasmocelis*. Typographical error for *Elasmoscelis* Spinola.

Genus *Gozarta* Walker

*Gozarta* Walker. See *Lophops* Spinola.

*zebra* Walker. See *Lophops zebra* Walker.

Genus *Grynia* Stål

*Grynia* Stål. See *Grynia* Stål. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus *Ivinga* Distant

*Ivinga* Distant. See *Ivinga* Distant. Family ISSIDAE.

Genus *Jivatma* Distant

*Jivatma* Distant. See *Menosca* Stål.

*insignis* Distant. See *Menosca insignis* Distant.

*metallica* Distant. See *Menosca metallica* Distant.

*triangularis*. Typographical error for *Jivatma triangulata* Banks. See *Menosca triangulata* Banks.

*triangulata* Banks. See *Menosca triangulata* Banks.

*whiteheadi* Distant. See *Menosca whiteheadi* Distant.



Genus *Lerida*

*Lerida*. Typographical error for *Serida* Walker.

Genus *Microchoria* Kirby

*Microchoria* Kirby. See *Pyrilla* Stål.

*aberrans* Kirby. See *Pyrilla aberrans* Kirby.

Genus *Micromasoria* Melichar

*Micromasoria* Melichar [nec Kirkaldy]. See *Conna* Walker.

*guttifera* Walker. See *Conna guttifera* Walker.

Genus *Microchoria*

*Microchoria*. Typographical error for *Microchoria* Kirby. See *Pyrilla* Stål.

Genus *Neocatara* Distant

*Neocatara* Distant. See *Neocatara* Distant. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus *Numicia* Stål

*Numicia* Stål. See *Numicia* Stål. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus *Oenopea*

*Oenopea*. Typographical error for *Oenopia* Melichar. See *Meloenopia* Metcalf.

Genus *Oenopia* Melichar

*Oenopia* Melichar. See *Meloenopia* Metcalf.

*princeps* Melichar. See *Meloenopia princeps* Melichar.

Genus *Padanda* Distant

*Padanda* Distant. See *Padanda* Distant. Family DICTYOPHARIDAE, Fascicle IV, Part 8.

Genus *Paracorethrusa*

*Paracorethrusa*. Typographical error for *Paracorethrura* Melichar.

Genus *Pitambra*

*Pitambra*. Typographical error for *Pitambara* Distant.





Genus **Pyrella**

*Pyrella*. Typographical error for *Pyrilla* Stål.

Genus **Sogana** Matsumura

*Sogana* Matsumura. See *Sogana* Matsumura. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus **Varma** Distant

*Varma* Distant. See *Varma* Distant. Family TROPIDUCHIDAE, Fascicle IV, Part 11.

Genus **Zamila** Walker

*Zamila* Walker. See *Pyrilla* Stål.

*aberrans* Kirby. See *Pyrilla aberrans* Kirby.

*lycoides* Melichar [nec Walker]. See *Pyrilla protuberans* Stål.

*lycoides* Walker. See *Pyrilla lycoides* Walker.

*perpusilla* Walker. See *Pyrilla perpusilla* Walker.



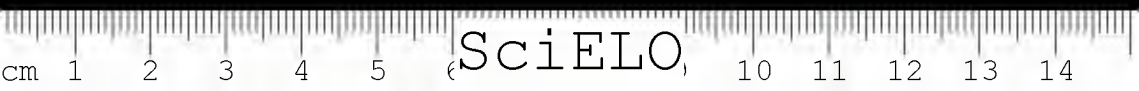


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